

GT Series

insert availability

Insert Arrangement	Service Rating	Total Contacts	Contact Size											
			0	4	8	12	16	Coax						
								0	4	8	12			
10SL-3	A	3					3							
10SL-4†	A	2					2							
14S-2	Inst.	4					4							
14S-4	D	1					1							
14S-5	Inst.	5					5							
14S-6	Inst.	6					6							
14S-7	A	3					3							
14S-9	A	2					2							
14S-10	Inst.	4					4							
14S-12	A	3					3							
14S-A7	A	7					7							
16S-1	A	7					7							
16S-3	B	1					1							
16S-4	D	2					2							
16S-5	A	3					3							
16S-6	A	3					3							
16S-8	A	5					5							
16-2	E	1				1								
16-7	A	3			1		2							
16-9	A	4				2	2							
16-10	A	3				3								
16-11	A	2				2								
16-12	A	1		1										
16-13	A	2				2								
16-59	A	4				4								
18-1	A/Inst.	10					10							
18-3	D	2				2								
18-4	D	4					4							
18-5	D	3				2	1							
18-6	D	1		1										
18-7	B	1			1									
18-8	A	8				1	7							
18-9	Inst.	7				2	5							
18-10	A	4				4								
18-11	A	5				5								
18-12	A	6					6							
18-13	A	4			1	3								
18-14	A	2		1			1							
18-15	A	4				4								
18-16	C	1				1								
18-17	Inst.	7				2	5							
18-19	A	10					10							
18-20	A	5					5							
18-22	D	3					3							
18-24	A/Inst.	10					10							
18-29	A	5					5							
18-30	A	5					5							
18-31	A	5					5							

Crimp contacts accommodate wire the same size as the contact as well as wire of the next smaller, even size. Arrangements identified with an asterisk () are exceptions. See insert arrangement drawings on pages 6-28 for application wire size.

Insert Arrangement	Service Rating	Total Contacts	Contact Size											
			0	4	8	12	16	Coax						
								0	4	8	12			
20-2	D	1	1											
20-3	D	3				3								
20-4	D	4				4								
20-6	D	3					3							
20-7	D/A	8					8							
20-8	Inst.	6			2		4							
20-9	D/A	8				1	7							
20-11	Inst.	13					13							
20-12	A	2		1			1							
20-14	A	5			2	3								
20-15	A	7				7								
20-16	A	9				2	7							
20-17	A	6				5	1							
20-18	A	9				3	6							
20-19	A	3			3									
20-20	A	4		1		3								
20-21	A	9				1	8							
20-22	A	6			3		3							
20-23	A	2			2									
20-24	A	4			2		2							
20-25	Inst.	13					13							
20-26	A	19					19							
20-27	A	14					14							
20-29	A	17					17							
20-30	Inst.	13					13							
20-33	A	11					11							
20-51	A	3			3									
20-57	A	7				7*								
20-58	A	10				5	5							
20-59	A	3			3*									
20-66	A	6				5*	1							
20-79	A/D	8				1	7							
22-1	D	2			2									
22-2	D	3			3									
22-4	A	4			2	2								
22-5	D	6				2	4							
22-6	D	3			2		1							
22-7	E	1	1											
22-8	E	2				2								
22-9	E	3				3								
22-10	E	4					4							
22-11	B	2					2							
22-12	D	5			2		3							
22-13	D/A	5				4	1							
22-14	A	19					19							
22-15	E/A	6				5	1							

†10SL-4 arrangement available only with pin contacts in receptacle and socket contacts in plug

**Coaxial cable data can be found on insert arrangement drawings, pages 6-28. For further information on coaxial contacts and cable see catalog 12-130.

GT Series

insert availability, cont.

Insert Arrangement	Service Rating	Total Contacts	Contact Size											
			0	4	8	12	16	Coax**						
								0	4	8	12			
22-16	A	9				3	6							
22-17	D/A	9				1	8							
22-18	D/A	8					8							
22-19	A	14					14							
22-20	A	9					9							
22-21	A	3	1				2							
22-22	A	4			4									
22-23	D/A	8				8								
22-24	D/A	6				2	4							
22-27	D/A	9			1		8							
22-28	A	7				7								
22-33	D/A	7					7							
22-34	D	5				3	2							
22-63	A	12				4	8							
22-65	D/A	8				8*								
22-70	A	13				8	5							
22-80	A	3			3*									
24-2	D	7				7								
24-3	D	7				2	5							
24-5	A	16					16							
24-6	D/A	8				8								
24-7	A	16				2	14							
24-9	A	2		2										
24-10	A	7			7									
24-11	A	9			3	6								
24-12	A	5		2		3								
24-16	D/A	7			1	3	3							
24-17	D	5				2	3							
24-19	A	12					12							
24-20	D	11				2	9							
24-21	D	10			1		9							
24-22	D	4			4									
24-27	E	7					7							
24-28	Inst.	24					24							
24-51	A	5			5									
24-52	Hi Volt.	1				1								
24-53	A	5			5									
24-58	A	13			3	3	7							
24-59	A	14				7	7							
24-60	A	7			7*									
24-65	A	15				11	4							
24-66	D	7				7								
24-67	Inst.	19				19								
24-71	A	7			7*									
24-75	A	7			7*									
24-79	A	5			5									
24-80	Inst.	23					23							

Crimp contacts accommodate wire the same size as the contact as well as wire of the next smaller, even size. Arrangements identified with an asterisk () are exceptions. See insert arrangement drawings on pages 6-28 for application wire size.

Insert Arrangement	Service Rating	Total Contacts	Contact Size											
			0	4	8	12	16	Coax**						
								0	4	8	12			
24-84	A	19				1							18	
24-96	Inst.	28					28							
24-AJ	A	25					25							
28-1	D/A	9			3	6								
28-2	D	14				2	12							
28-3	E	3			3									
28-4	E/D	9				2	7							
28-5	D	5		2		1	2							
28-6	D	3		3										
28-7	D	2		2										
28-8	E/D/A	12				2	10							
28-9	D	12				6	6							
28-10	D/A	7		2	2	3								
28-11	A	22				4	18							
28-12	A	26					26							
28-13	A	26					26							
28-15	A	35					35							
28-16	A	20					20							
28-17	B/D/A	15					15							
28-18	C/D/A/Inst.	12					12							
28-19	B/D/A	10				4	6							
28-20	A	14				10	4							
28-21	A	37					37							
28-22	D	6		3			3							
28-51	A	12					12							
28-59	A	17				7	10							
28-66	A	16				2	14							
28-72	Coax	3									3			
28-74	A	16			7*		9							
28-75	A	16			7*		9							
28-79	A	16			7		9							
28-82	D	6			2	4								
28-84	A	9			9									
28-AY	A	9		4			5							
32-1	E/D	5	2			3								
32-2	E	5		3			2							
32-3	D	9	1	2		2	4							
32-4	A/D	14				2	12							
32-5	D	2	2											
32-6	A	23		2	3	2	16							
32-7	Inst./A	35				7	28							
32-8	A	30				6	24							
32-9	D	14		2			12							
32-10	E/B/D/A	7		2	2		3							
32-12	A/D	15				5	10							
32-13	D	23				5	18							
32-15	D	8	2			6								
32-16	A	23		2	3	2	16							

**Coaxial cable data can be found on insert arrangement drawings, pages 6-28. For further information on coaxial contacts and cable see catalog 12-130.

GT Series

insert availability, cont.

Insert Arrangement	Service Rating	Total Contacts	Contact Size											
			0	4	8	12	16	Coax**						
								0	4	8	12			
32-17	D	4		4										
32-22	A	54					54							
32-25	A	25				25								
32-31	A	31					31							
32-48	Inst.	48					48							
32-52	D	8	2			6								
32-53	E/Inst.	42				5	37							
32-56	A	30				6*	24							
32-57	Coax	8				6		2						
32-58	Coax	4							4					
32-59	A	42					40			2				
32-60	A	23					15			8				
32-62	Coax	23		2	1	2	16			2				
32-64	Inst.	54					54							
32-68	A	16					12		4					
32-73	A	46					46							
32-75	Coax	9				2				7				
32-76	A	19				19								
32-79	D	5		4	1									
32-82	A	16		4			12							
32-AF	A	55					55							
32-AM	A	1	1 size 4/0											
36-1	D	22				4	18							
36-3	D	6	3			3								
36-4	D/A	3	3											
36-5	A	4	4											
36-6	A	6	2	4										
36-7	A	47				7	40							
36-8	A	47				1	46							
36-9	A	31		1	2	14	14							
36-10	A	48					48							
36-11	A	48					48							
36-12	A	48					48							
36-13	E/A	17				2	15							
36-14	D	16			5	5	6							
36-15	D/A	35					35							
36-16	A	47				7	40							
36-17	A	47				7	40							
36-18	A	31		1	2	14	14							
36-20	A	34			2	2	30							
36-22	D	22				22								
36-51	D	4	2	2										
36-52	A	52					52							
36-54	A	39			8		31							
36-55	A	39			8*		31							
36-59	A	53				3*	50							
36-60	A	47				7*	40							
36-64	Coax	4						4						
36-65	Coax	4						4						

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Insert Arrangement	Service Rating	Total Contacts	Contact Size											
			0	4	8	12	16	Coax**						
								0	4	8	12			
36-71	A	53				3	50							
36-73	Coax	7								7				
36-74	A	44					43				1			
36-75	A	48					48*							
36-76	A	47					47							
36-77	D	7		7										
36-78	A	14			12		2							
36-79	A	20				20								
36-80	A	20				20*								
36-83	Coax	7								7				
36-85	A/D	35					35*							
36-97	C	1	1 size 4/0											
36-99	D	12		3	3	3	3							
36-AF	A	48					48							
40-1	D	30				6	24							
40-5	A	5	5											
40-9	A	47			1	22	24							
40-10	A	29		4	9		16							
40-30	A	30		1		29								
40-35	D	35				35								
40-53	A	60					60							
40-56	A	85					85							
40-57	E	4	4											
40-61	A	59			1	3	55							
40-62	A	60					60							
40-63	A	61					61*							
40-64	Coax	36				3	20				13			
40-66	Coax	4						4						
40-67	A	11					1		10					
40-68	A	21			21									
40-70	A	61					61							
40-72	A	11					1		10					
40-73	A	61					61							
40-74	A	6				1		4	1					
40-75	E	5	4			1								
40-80	A	11		10			1							
40-81	A	62					62*							
40-82	A	62					62							
40-85	A	60					60*							
40-86	Coax	4							4					
40-87	D	7		7										
40-AD	A	8	4		4									
40-AG	A	38				38								
40-AP	E	2	2 size 4/0											
40-AR	Inst.	13	3	3		7								
40-AS	A	40				25	15							
40-AT	A	43			1	24	18							
40-AU	A	14		3	10		1							
40-AV	D	3	3 size 2/0											

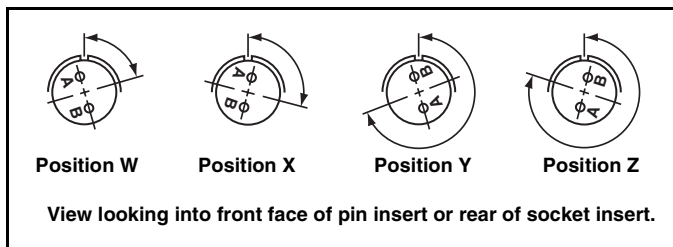
**Coaxial cable data can be found on insert arrangement drawings, pages 6-28. For further information on coaxial contacts and cable see catalog 12-130.

GT Series

insert alternate positioning

To avoid cross-plugging problems in applications requiring the use of more than one connector of the same size and arrangement, alternate rotations are available as indicated in the accompanying charts.

As shown in the diagram below, the front face of the pin insert is rotated within the shell in a clockwise direction from the normal shell key. The socket insert would be rotated counter-clockwise the same number of degrees in respect to the normal shell key.



The following insert arrangements have the same alternate insert rotations for W, X, Y and Z, which are:

Degrees			
W	X	Y	Z
80	110	250	280

T						
16-7	20-16	22-18	24-4	24-28	28-16	32-10
18-5	20-20	22-19	24-5	24-AJ	28-17	32-12
18-9	20-22	22-21	24-6	28-1	28-19	32-13
18-13	22-3	22-24	24-7	28-4	28-20	32-22
18-14	22-6	22-25	24-12	28-8	28-21	32-AF
20-7	22-12	22-29	24-14	28-9	32-1	36-1
20-8	22-14	22-33	24-16	28-10	32-3	36-7
20-9	22-15	22-34	24-17	28-11	32-4	36-8
20-12	22-16	24-1	24-20	28-14	32-6	36-13
20-14	22-17	24-3	24-21	28-15	32-9	40-53

Insert Arrangement	Degrees			
	W	X	Y	Z
10SL-4	63	-	-	-
14S-2	-	120	240	-
14S-5	-	110	-	-
14S-7	90	180	270	-
14S-9	70	145	215	290
16-9	35	110	250	325
16-10	90	180	270	-
16-11	35	110	250	325
16-13	35	110	250	325
16S-1	80	-	-	280
16S-4	35	110	250	325
16S-5	70	145	215	290
16S-6	90	180	270	-
16S-8	-	170	265	-
18-1	70	145	215	290
18-3	35	110	250	325
18-4	35	110	250	325
18-8	70	-	-	290
18-10	-	120	240	-
18-11	-	170	265	-
18-12	80	-	-	280
18-15	-	120	240	-
18-20	90	180	270	-
18-22	70	145	215	290
18-29	90	180	270	-
20-3	70	145	215	290
20-4	45	110	250	-
20-5	35	110	250	325
20-6	70	145	215	290
20-15	80	-	-	280
20-17	90	180	270	-
20-18	35	110	250	325









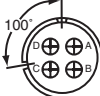



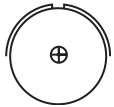
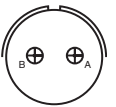
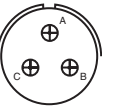
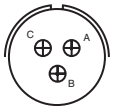
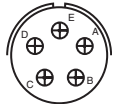


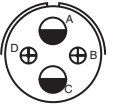

Insert Arrangement	Degrees			
	W	X	Y	Z
20-19	90	180	270	-
20-21	35	110	250	325
20-23	35	110	250	325
20-24	35	110	250	325
20-27	35	110	250	325
20-29	80	-	-	280
20-33	-	-	-	280
22-1	35	110	250	325
22-2	70	145	215	290
22-4	35	110	250	325
22-5	35	110	250	325
22-8	35	110	250	325
22-9	70	145	215	290
22-10	35	110	250	325
22-11	35	110	250	325
22-13	35	110	250	325
22-20	35	110	250	325
22-22	-	110	250	-
22-23	35	-	250	-
22-27	80	-	250	280
22-28	80	-	-	280
24-2	80	-	-	280
24-9	35	110	250	325
24-10	80	-	-	280
24-11	35	110	250	325
24-22	45	110	250	-
24-27	80	-	-	280
24-96	65	-	-	-
28-2	35	110	250	325
28-3	70	145	215	290
28-5	35	110	250	325
28-6	70	145	215	290

Insert Arrangement	Degrees			
	W	X	Y	Z
28-7	35	110	250	325
28-12	90	180	270	-
28-18	70	145	215	290
28-22	70	145	215	290
28-AY	45	110	250	-
32-2	70	145	215	290
32-5	35	110	250	325
32-7	80	125	235	280
32-8	80	125	235	280
32-15	35	110	250	280
32-17	45	110	250	-
32-25	60	120	-	-
32-64*	80	100	110	250
32-68	30	-	-	-
32-82	30	-	-	-
36-3	70	145	215	290
36-4	70	145	215	290
36-5	-	120	240	-
36-6	35	110	250	325
36-9	80	125	235	280
36-10	80	125	235	280
36-14	90	180	270	-
36-15	60	125	245	305
36-AF	65	-	-	-
40-1	65	130	235	300
40-5	33	-	-	270
40-9	65	125	225	310
40-10	65	125	225	310
40-35	70	130	230	290
40-56	72	144	216	288
40-AG	37	74	285	322

*Additional rotations available; consult Amphenol for information.

GT Series contact arrangements

front face of pin insert or rear face of socket insert illustrated

					
	Front of Socket Insert	Front of Socket Insert			
Insert Arrangement	10SL-3	10SL-4	14S-2	14S-4	14S-5
Service Rating	A	A	Inst.	D	Inst.
Number of Contacts	3	2	4	1	5
Contact Size	16	16	16	16	16
					
				100° Rotation of 14S-2	100° Rotation of 14S-7
Insert Arrangement	14S-6	14S-7	14S-9	14S-10	14S-12
Service Rating	Inst.	A	A	Inst.	A
Number of Contacts	6	3	2	4	3
Contact Size	16	16	16	16	16
					
Insert Arrangement	14S-A7	16S-1	16S-3	16S-4	16S-5
Service Rating	A	A	B	D	A
Number of Contacts	7	7	1	2	3
Contact Size	16	16	16	16	16
					
Insert Arrangement	16S-6	16S-8	16-2	16-7	16-9
Service Rating	A	A	E	A	A
Number of Contacts	3	5	1	1 2	2 2
Contact Size	16	16	12	8 16	12 16
					
				CONTACT LEGEND	16 12 8 4 0

GT Series contact arrangements

front face of pin insert or rear face of socket insert illustrated

Insert Arrangement	16-10	16-11	16-12	16-13	16-59
Service Rating	A	A	A	A	A
Number of Contacts	3	2	1	2*	4
Contact Size	12	12	4	12	12

Insert Arrangement	18-1	18-3	18-4	18-5	18-6	18-7
Service Rating	B, C, F, G = A; Bal. = Inst.	D	D	D	D	B
Number of Contacts	10	2	4	2 1	1	1
Contact Size	16	12	16	12 16	4	8

Insert Arrangement	18-8	18-9	18-10	18-11	18-12	18-13
Service Rating	A	Inst.	A	A	A	A
Number of Contacts	1 7	2 5	4	5	6	1 3
Contact Size	12 16	12 16	12	12	16	8 12

Insert Arrangement	18-14	18-15	18-16	18-17	18-19	18-20
Service Rating	A	A	C	Inst.	A	A
Number of Contacts	1 1	4**	1	2 5	10	5
Contact Size	4 16	12	12	12 16	16	16

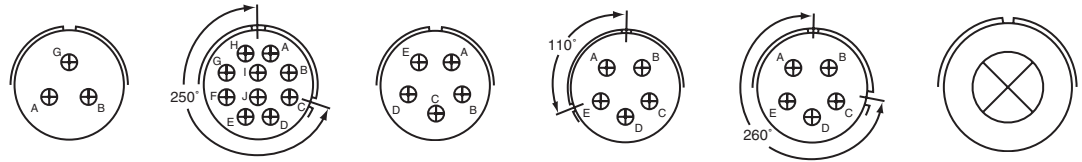
100° Rotation of 18-9

CONTACT LEGEND 16 12 8 4 0

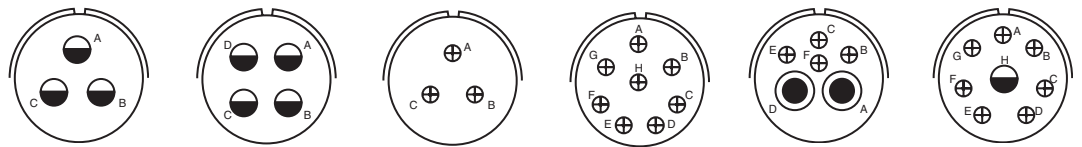
* A = Iron; B = Constantan
**A, C = Iron; B, D = Constantan

GT Series contact arrangements

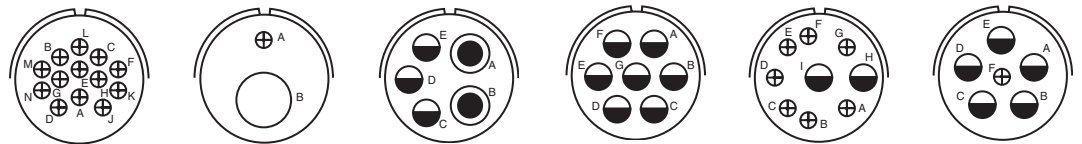
front face of pin insert or rear face of socket insert illustrated



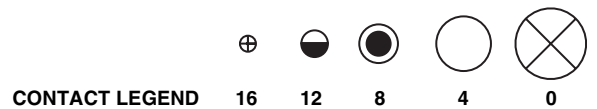
Insert Arrangement	18-22	18-24	18-29	18-30	18-31	20-2
Service Rating	D	B, C, F, G = A; Bal. = Inst.	A	A	A	D
Number of Contacts	3	10	5	5	5	1
Contact Size	16	16	16	16	16	0



Insert Arrangement	20-3	20-4	20-6	20-7	20-8	20-9
Service Rating	D	D	D	A, B, H, G = D; C, D, E, F = A	Inst.	H = D; Bal. = A
Number of Contacts	3	4	3	8	2 4	1 7
Contact Size	12	12	16	16	8 16	12 16

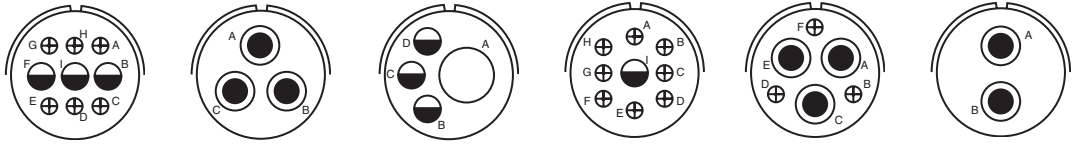


Insert Arrangement	20-11	20-12	20-14	20-15	20-16	20-17
Service Rating	Inst.	A	A	A	A	A
Number of Contacts	13	1 1	2 3	7	2 7	5 1
Contact Size	16	4 16	8 12	12	12 16	12 16

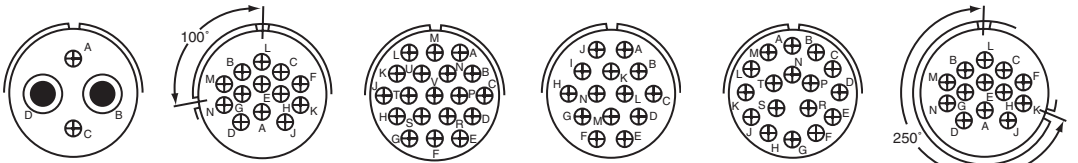


GT Series contact arrangements

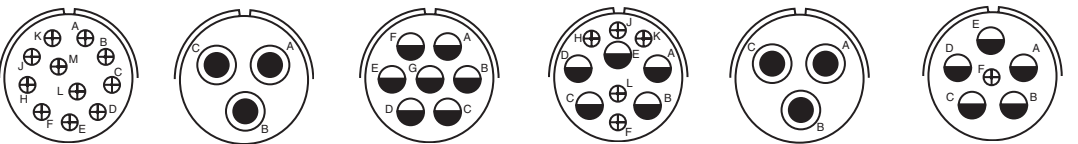
front face of pin insert or rear face of socket insert illustrated



Insert Arrangement	20-18	20-19	20-20	20-21	20-22	20-23
Service Rating	A	A	A	A	A	A
Number of Contacts	3 6	3	1 3	1 8	3 3	2
Contact Size	12 16	8	4 12	12 16	8 16	8

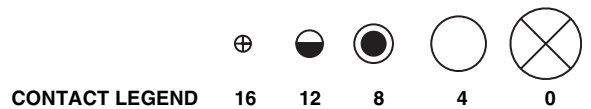


Insert Arrangement	20-24	20-25	20-26	20-27	20-29	20-30
Service Rating	A	Inst.	A	A	A	Inst.
Number of Contacts	2 2	13	19	14	17	13
Contact Size	8 16	16	16	16	16	16



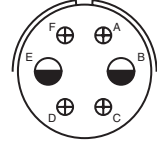
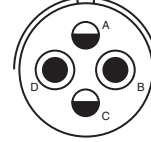
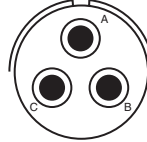
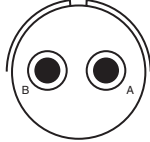
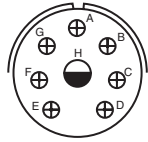
Insert Arrangement	20-33	20-51	20-57	20-58	20-59	20-66
Service Rating	A	A	A	A	A	A
Number of Contacts	11	3*	7*	5 5	3*	1 5
Contact Size	16	8	12 for #14 or 16 wire	12 16	8 for #10 or 12 wire	16 12 for #10 wire

* Solderless

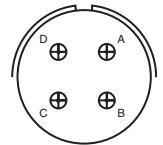
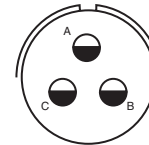
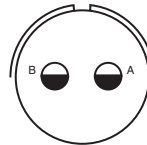
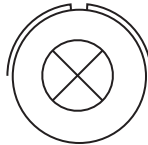
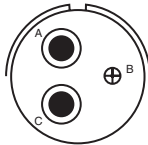


GT Series contact arrangements

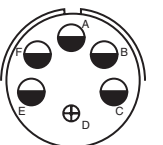
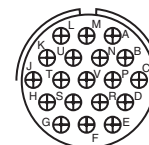
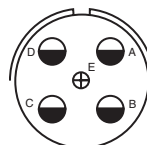
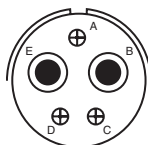
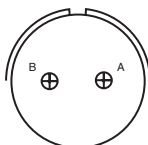
front face of pin insert or rear face of socket insert illustrated



Insert Arrangement	20-79		22-1	22-2	22-4	22-5
Service Rating	H=D; Bal. = A		D	D	A	D
Number of Contacts	7*	1*	2	3	2 2	2 4
Contact Size	16	12 for #16 wire	8	8	8 12	12 16

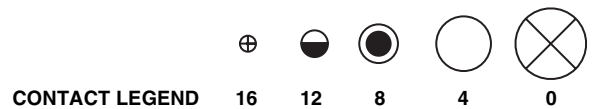


Insert Arrangement	22-6		22-7	22-8	22-9	22-10
Service Rating	D		E	E	E	E
Number of Contacts	2	1	1	2	3	4
Contact Size	8	16	0	12	12	16



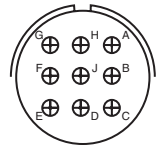
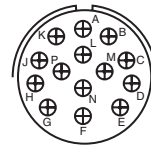
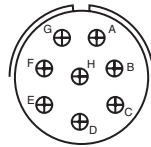
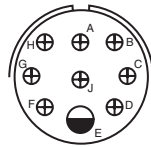
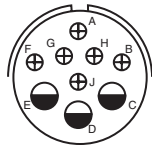
Insert Arrangement	22-11	22-12	22-13	22-14	22-15
Service Rating	B	D	E = D; A, B, C, D = A	A	D = E; A, B, C, E, F = A
Number of Contacts	2	2 3	4 1	19	5 1
Contact Size	16	8 16	12 16	16	12 16

* Solderless

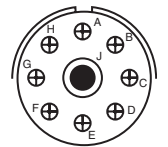
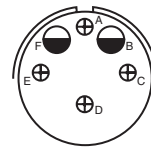
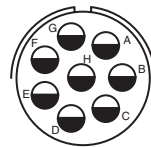
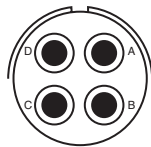
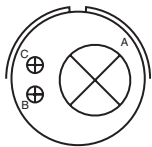


GT Series contact arrangements

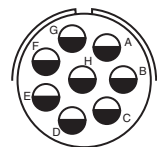
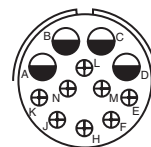
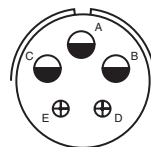
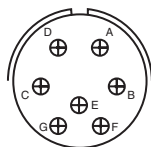
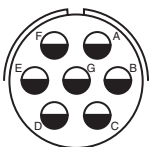
front face of pin insert or rear face of socket insert illustrated



Insert Arrangement	22-16	22-17	22-18	22-19	22-20
Service Rating	A	A = D; Bal. = A	A, B, F, G, H = D; C, D, E = A	A	A
Number of Contacts	3 6	1 8	8	14	9
Contact Size	12 16	12 16	16	16	16



Insert Arrangement	22-21	22-22	22-23	22-24	22-27
Service Rating	A	A	H = D; Bal. = A	C, D, E = D; A, B, F = A	J = D; Bal. = A
Number of Contacts	1 2	4	8	2 4	1 8
Contact Size	0 16	8	12	12 16	8 16



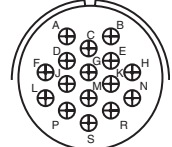
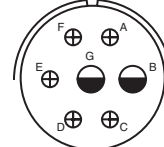
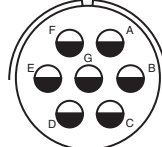
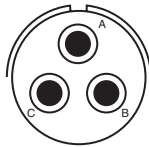
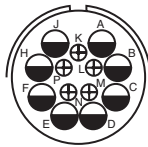
Insert Arrangement	22-28	22-33	22-34	22-63	22-65
Service Rating	A	A, B, C, D = D; E, F, G = A	D	A	H = D; Bal. = A
Number of Contacts	7	7	3 2	4 8	8*
Contact Size	12	16	12 16	12 16	12 for #14 or 16 wire

* Solderless

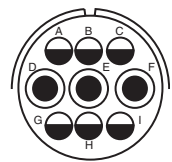
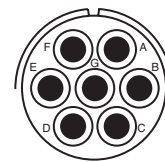
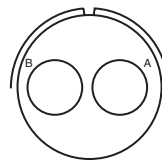
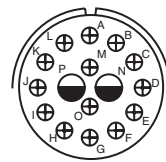
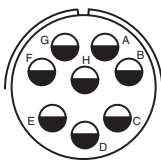


GT Series contact arrangements

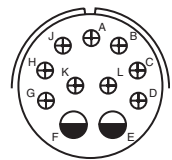
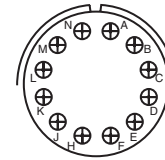
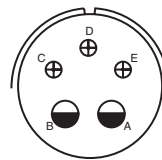
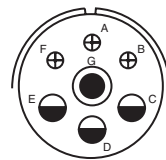
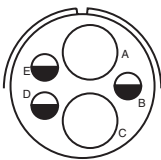
front face of pin insert or rear face of socket insert illustrated



Insert Arrangement	22-70	22-80	24-2	24-3	24-5
Service Rating	A	A	D	D	A
Number of Contacts	8 5	3*	7	2 5	16
Contact Size	12 16	8 for #10 or 12 wire	12	12 16	16



Insert Arrangement	24-6	24-7	24-9	24-10	24-11
Service Rating	A, G, H = D; Bal. = A	A	A	A	A
Number of Contacts	8	2 14	2	7	3 6
Contact Size	12	12 16	4	8	8 12



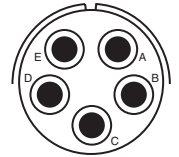
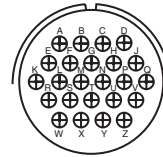
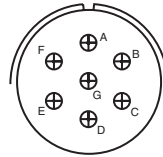
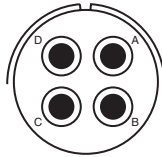
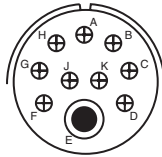
Insert Arrangement	24-12	24-16	24-17	24-19	24-20
Service Rating	A	A, B, F, G = D; C, D, E = A	D	A	D
Number of Contacts	2 3	1 3 3	2 3	12	2 9
Contact Size	4 12	8 12 16	12 16	16	12 16

* Solderless

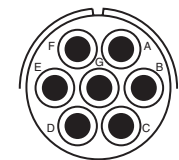
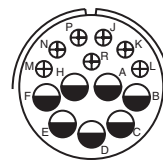
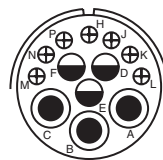
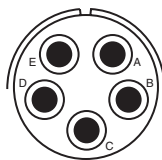
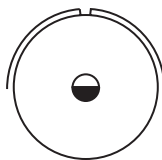


GT Series contact arrangements

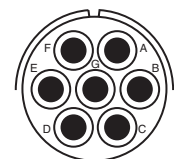
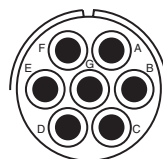
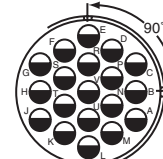
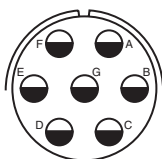
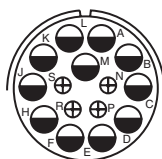
front face of pin insert or rear face of socket insert illustrated



Insert Arrangement	24-21	24-22	24-27	24-28	24-51
Service Rating	D	D	E	Inst.	A
Number of Contacts	1 9	4	7	24	5*
Contact Size	8 16	8	16	16	B, E for AN #10 or 12 wire A, C, D for AN #8 wire

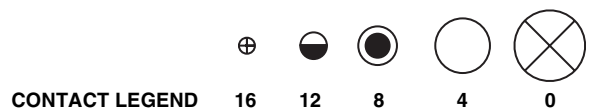


Insert Arrangement	24-52	24-53	24-58	24-59	24-60
Service Rating	Hi-Volt	A	A	A	A
Number of Contacts	1	5*	3 3 7	7 7	7*
Contact Size	12	8	8 12 16	12 16	8 for #10 or 12 wire



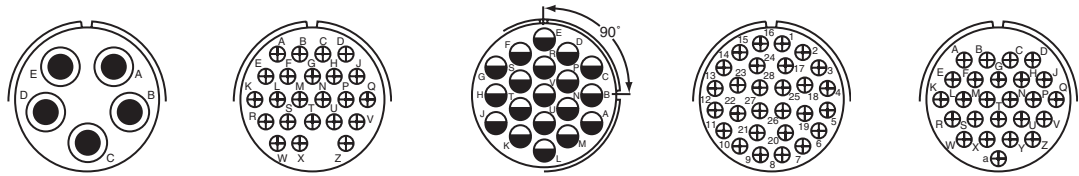
Insert Arrangement	24-65	24-66	24-67	24-71	24-75
Service Rating	A	D	Inst.	A	A
Number of Contacts	11 4	7	19	2* 5*	5 2
Contact Size	12 16	12	12	8 8 for #10 or 12 wire	8 8 for #16 wire

* Solderless

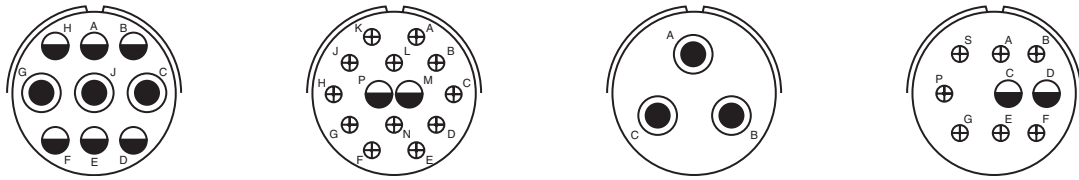


GT Series contact arrangements

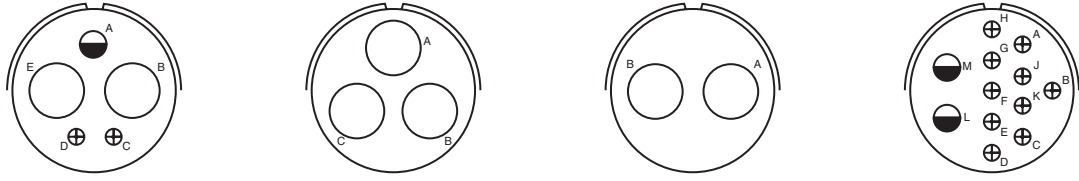
front face of pin insert or rear face of socket insert illustrated



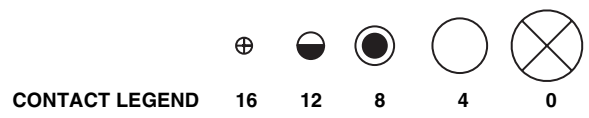
Insert Arrangement	24-79	24-80	24-84	24-96	24-AJ
Service Rating	A	Inst.	A	Inst.	A
Number of Contacts	5	23	1 18	28	25
Contact Size	8	16	12 12 (Coax) RG-188/U or RG-174/U	16	16



Insert Arrangement	28-1	28-2	28-3	28-4
Service Rating	A, J, E = D; Bal. = A	D	E	G, P, S = E; Bal. = D
Number of Contacts	3 6	2 12	3	2 7
Contact Size	8 12	12 16	8	12 16

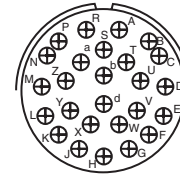
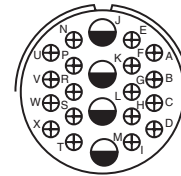
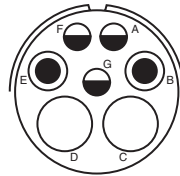
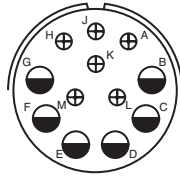


Insert Arrangement	28-5	28-6	28-7	28-8
Service Rating	D	D	D	L, M = E; B = D; Bal. = A
Number of Contacts	2 1 2	3	2	2 10
Contact Size	4 12 16	4	4	12 16



GT Series contact arrangements

front face of pin insert or rear face of socket insert illustrated

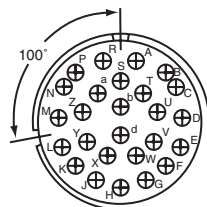


Insert Arrangement	28-9
Service Rating	D
Number of Contacts	6 6
Contact Size	12 16

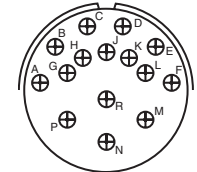
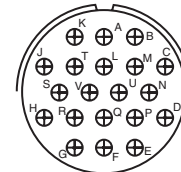
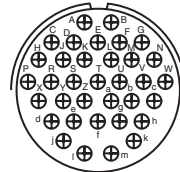
Insert Arrangement	28-10
Service Rating	G = D; Bal. = A
Number of Contacts	2 2 3
Contact Size	4 8 12

Insert Arrangement	28-11
Service Rating	A
Number of Contacts	4 18
Contact Size	12 16

Insert Arrangement	28-12
Service Rating	A
Number of Contacts	26
Contact Size	16



100° Rotation
of 32-6

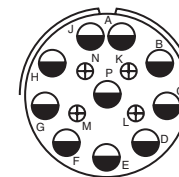
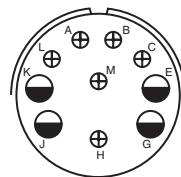
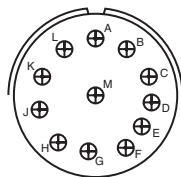


Insert Arrangement	28-13
Service Rating	A
Number of Contacts	26
Contact Size	16

Insert Arrangement	28-15
Service Rating	A
Number of Contacts	35
Contact Size	16

Insert Arrangement	28-16
Service Rating	A
Number of Contacts	20
Contact Size	16

Insert Arrangement	28-17
Service Rating	R = B; M, N, P = D; A to L = A
Number of Contacts	15
Contact Size	16

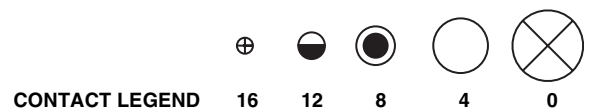


Insert Arrangement	28-18
Service Rating	M = C; G, H, J, K, L = D; A, B = A; Bal. = Inst.
Number of Contacts	12
Contact Size	16

Insert Arrangement	28-19
Service Rating	H, M = B; A, B, = D; Bal. = A
Number of Contacts	4 6
Contact Size	12 16

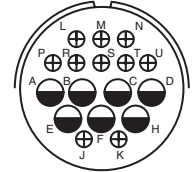
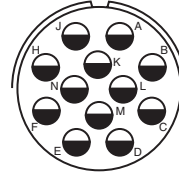
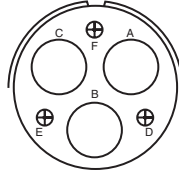
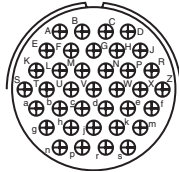
Insert Arrangement	28-20
Service Rating	A
Number of Contacts	10 4
Contact Size	12 16

* Solderless



GT Series contact arrangements

front face of pin insert or rear face of socket insert illustrated



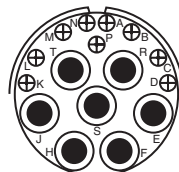
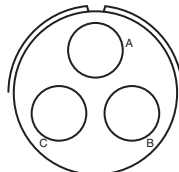
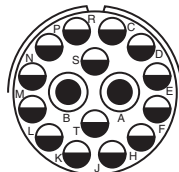
Insert Arrangement
Service Rating
Number of Contacts
Contact Size

28-21
A
37
16

28-22
D
3 3
4 16

28-51
A
12
12

28-59
A
7 10
12 16



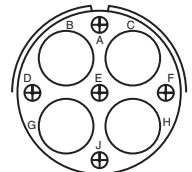
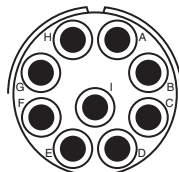
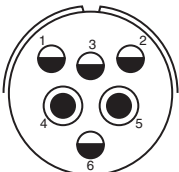
Insert Arrangement
Service Rating
Number of Contacts
Contact Size

28-66
A
2 14
8 12

28-72
-
3
4 (Coax) RG-59A/U
or RG-62A/U

28-74
A
9* 4* 3*
16 8 8 for #10 wire
(S, T, R)

28-75
A
9* 7*
16 8 for #10 wire



Insert Arrangement
Service Rating
Number of Contacts
Contact Size

28-79
A
7 9
8 16

28-82
D
2 4
8 12

28-84
A
9
8

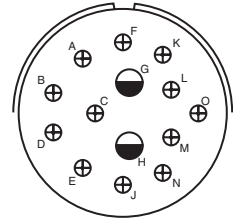
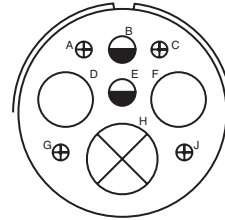
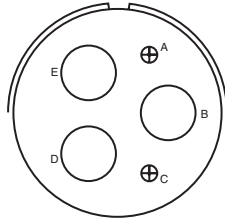
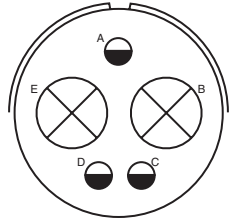
28-AY
A
4 5
4 16

* Solderless



GT Series contact arrangements

front face of pin insert or rear face of socket insert illustrated



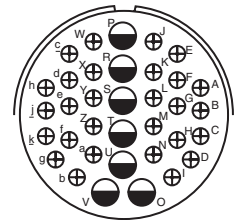
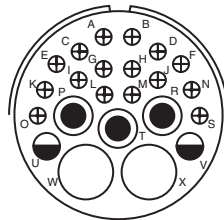
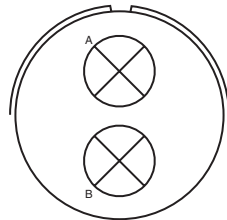
Insert Arrangement
Service Rating
Number of Contacts
Contact Size

32-1
A = E; B, C, D, E = D
2 3
0 12

32-2
E
3 2
4 16

32-3
D
1 2 2 4
0 4 12 16

32-4
F, J, K, N = A; Bal. = D
2 12
12 16

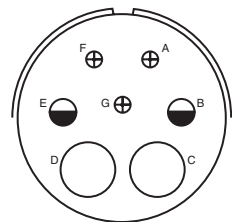
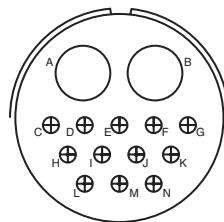
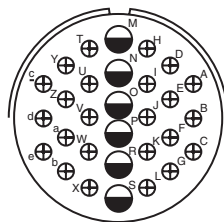


Insert Arrangement
Service Rating
Number of Contacts
Contact Size

32-5
D
2
0

32-6
A
2 3 2 16
4 8 12 16

32-7
A, B, h, j = Inst.; Bal. = A
7 28
12 16

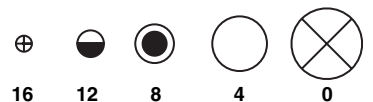


Insert Arrangement
Service Rating
Number of Contacts
Contact Size

32-8
A
6 24
12 16

32-9
D
2 12
4 16

32-10
A, F = E; G = B; B, E = D; C, D = A
2 2 3
4 8 16

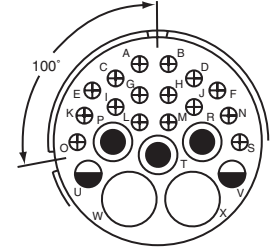
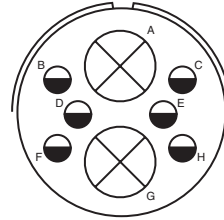
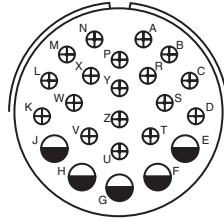
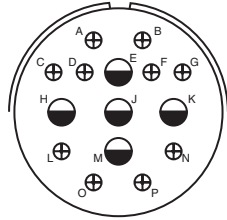


CONTACT LEGEND

16 12 8 4 0

GT Series contact arrangements

front face of pin insert or rear face of socket insert illustrated



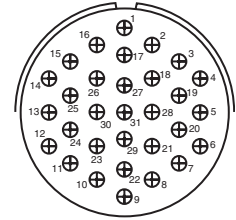
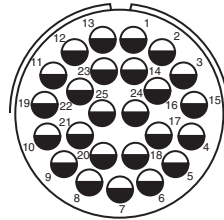
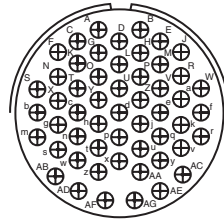
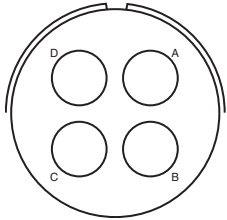
Insert Arrangement
Service Rating
Number of Contacts
Contact Size

32-12
C, D, E, F, G = A; Bal. = D
5 10
12 16

32-13
D
5 18
12 16

32-15
D
2 6
0 12

32-16
A
2 3 2 16
4 8 12 16



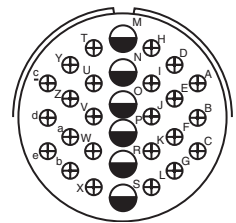
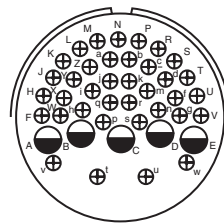
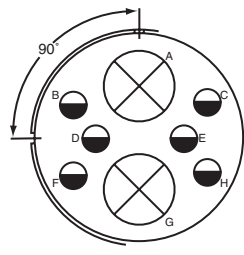
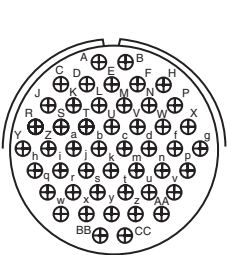
Insert Arrangement
Service Rating
Number of Contacts
Contact Size

32-17
D
4
4

32-22
A
54
16

32-25
A
25
12

32-31
A
31
16



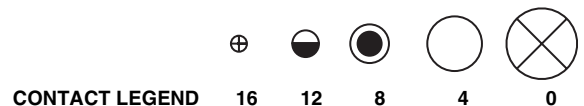
Insert Arrangement
Service Rating
Number of Contacts
Contact Size

32-48
Inst.
48
16

32-52
D
2 6
0 12

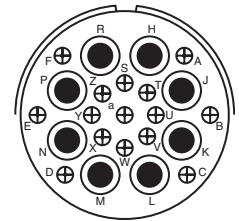
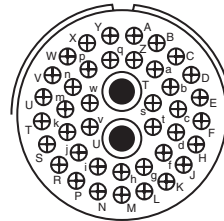
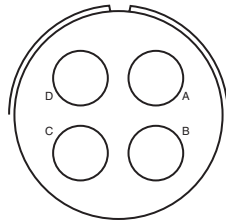
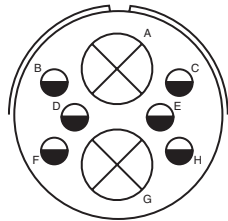
32-53
t, u = E; Bal. = Inst.
5 37
12 16

32-56
A
24 6
16 12 for #10 wire

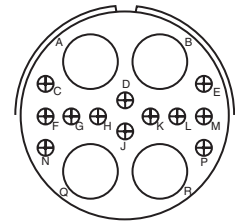
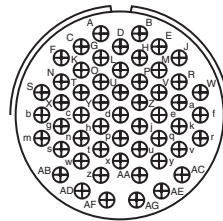
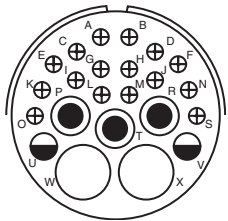


GT Series contact arrangements

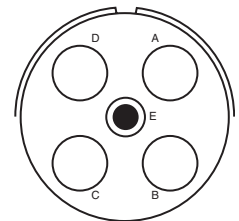
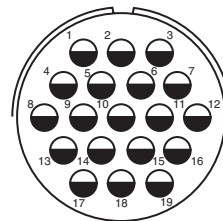
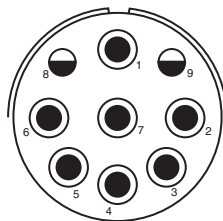
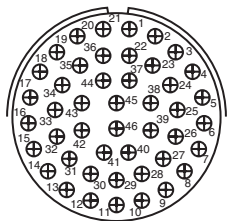
front face of pin insert or rear face of socket insert illustrated



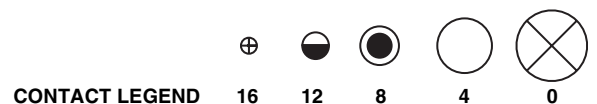
Insert Arrangement	32-57		32-58		32-59		32-60	
Service Rating	**		-		A		A	
Number of Contacts	6	2	4		40	2	15	8
Contact Size	12 0 (Coax) RG-71/U		4 (Coax) RG-161/U or RG-179/U		16	8 (Coax) RG-161/U	16	8 (Coax) RG-124/U



Insert Arrangement	32-62					32-64		32-68	
Service Rating	**					Inst.		A	
Number of Contacts	2	1	2	16	2	54		12	4
Contact Size	4	8	12	16	8 (Coax) RG-124/U	16		16	4 (Coax) RG-58C/U



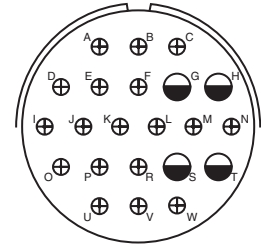
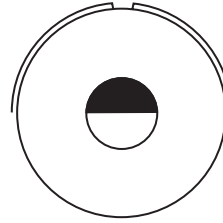
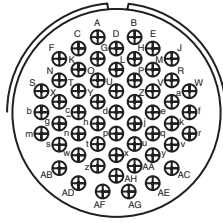
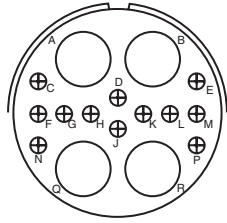
Insert Arrangement	32-73		32-75		32-76		32-79	
Service Rating	A		8, 9 = D		A		D	
Number of Contacts	46		2	7	19		4	1
Contact Size	16		12	8 (Coax) RG-180B/U	12		4	8



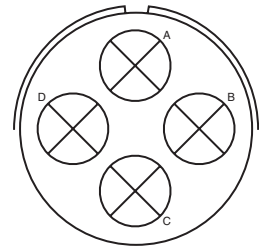
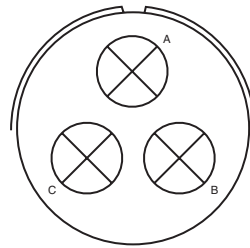
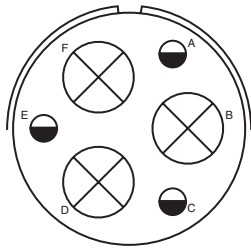
** Consult Amphenol, Sidney, NY for service rating of power contacts.

GT Series contact arrangements

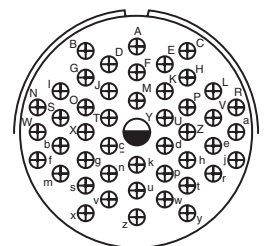
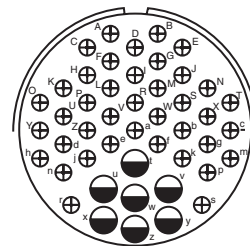
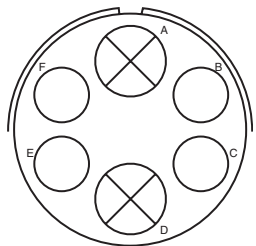
front face of pin insert or rear face of socket insert illustrated



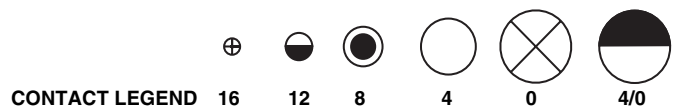
Insert Arrangement	32-82	32-AF	32-AM	36-1
Service Rating	A	A	A	D
Number of Contacts	4 12	55	1	4 18
Contact Size	4 16	16	4/0	12 16



Insert Arrangement	36-3	36-4	36-5
Service Rating	D	A = D; B, C = A	A
Number of Contacts	3 3	3	4
Contact Size	0 12	0	0

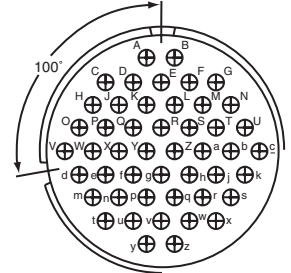
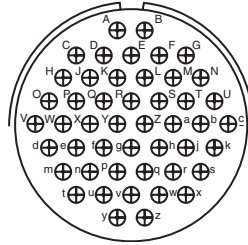
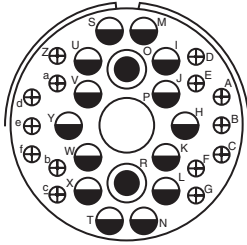


Insert Arrangement	36-6	36-7	36-8
Service Rating	A	A	A
Number of Contacts	2 4	7 40	1 46
Contact Size	0 4	12 16	12 16



GT Series contact arrangements

front face of pin insert or rear face of socket insert illustrated

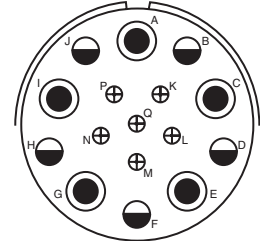
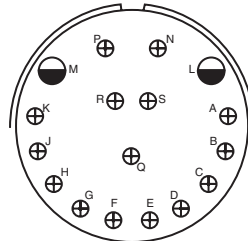
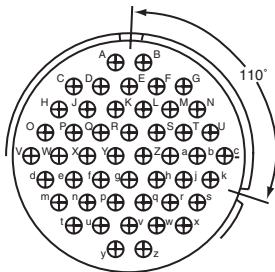


Insert Arrangement
Service Rating
Number of Contacts
Contact Size

36-9
A
1 2 14 14
4 8 12 16

36-10
A
48
16

**100° Rotation
of 36-10**
36-11
A
48
16

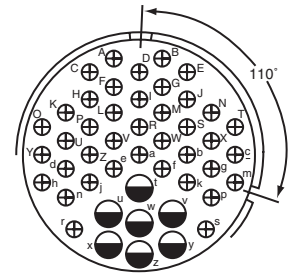
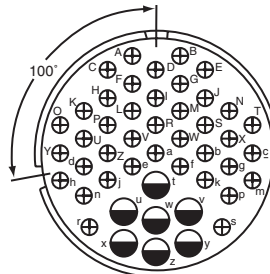
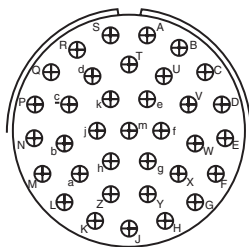


Insert Arrangement
Service Rating
Number of Contacts
Contact Size

36-12
A
48
16

36-13
N, P, Q = E; Bal. = A
2 15
12 16

36-14
D
5 5 6
8 12 16



Insert Arrangement
Service Rating
Number of Contacts
Contact Size

36-15
M = D; Bal. = A
35
16

**100° Rotation
of 36-7**
36-16
A
7 40
12 16

**110° Rotation
of 36-7**
36-17
A
7 40
12 16

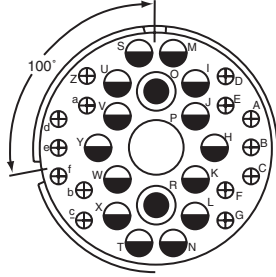


CONTACT LEGEND

16 12 8 4 0

GT Series contact arrangements

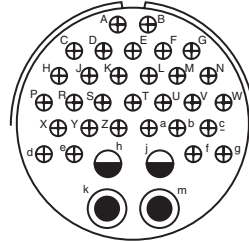
front face of pin insert or rear face of socket insert illustrated



100° Rotation
of 36-9

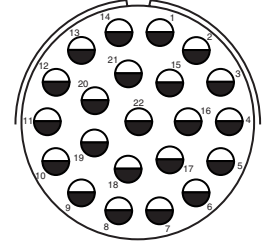
Insert Arrangement
Service Rating
Number of Contacts
Contact Size

36-18
A
1 2 14 14
4 8 12 16



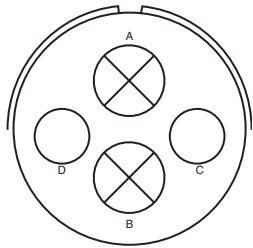
36-20

A
2 2 30
8 12 16



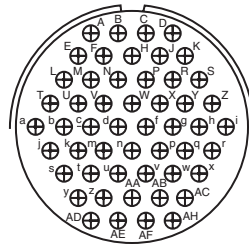
36-22

D
22
12



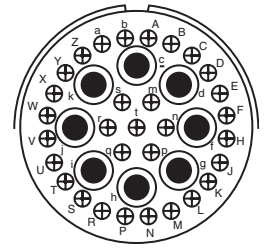
Insert Arrangement
Service Rating
Number of Contacts
Contact Size

36-51
D
2 2
0 4



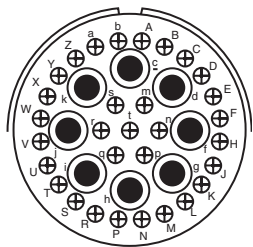
36-52

A
52
16



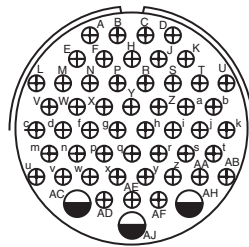
36-54

A
8 31
8 16



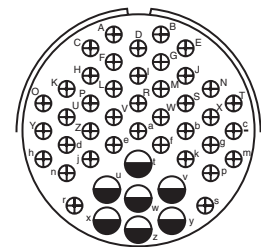
Insert Arrangement
Service Rating
Number of Contacts
Contact Size

36-55
A
31 8
16 8 for #6 wire



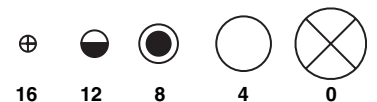
36-59

A
50 3
16 12 for #10 wire



36-60

A
40 7
16 12 for #10 wire

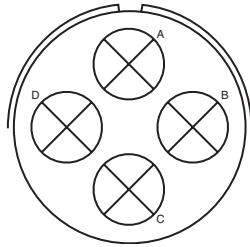


CONTACT LEGEND

16 12 8 4 0

GT Series contact arrangements

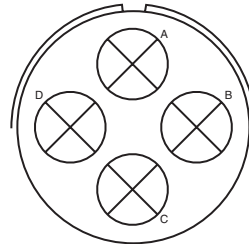
front face of pin insert or rear face of socket insert illustrated



36-64

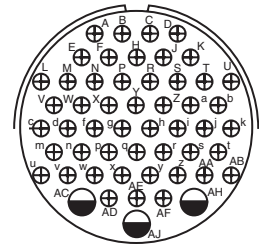
Insert Arrangement
Service Rating
Number of Contacts
Contact Size

—
4
0 (Coax) RG-11/U
RG-12/U, or RG-13/U



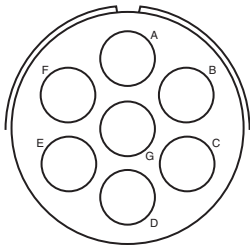
36-65

—
4
0 (Coax) RG-59/U, RG-62/U
or RG-71/U



36-71

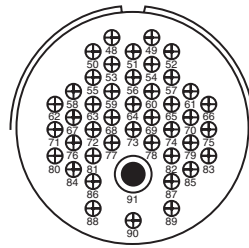
A
3 50
12 16



36-73

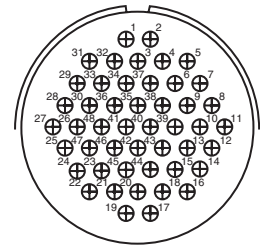
Insert Arrangement
Service Rating
Number of Contacts
Contact Size

—
7
4 (Coax) RG-62B/U



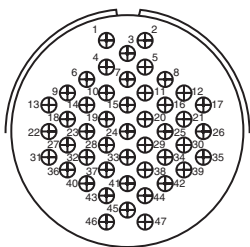
36-74

A
43 1
16 8 (Coax) RG-187/B



36-75

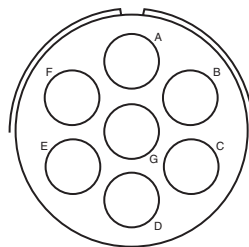
A
48
16 for #14 wire



36-76

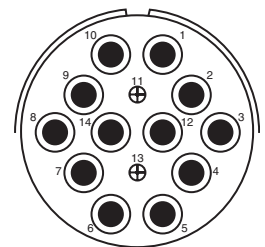
Insert Arrangement
Service Rating
Number of Contacts
Contact Size

A
47
16



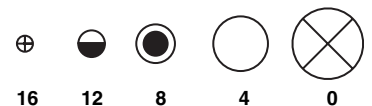
36-77

D
7
4



36-78

A
2 12
16 8



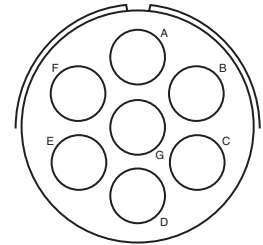
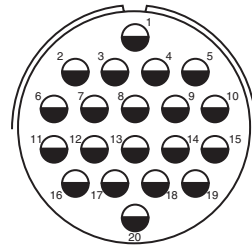
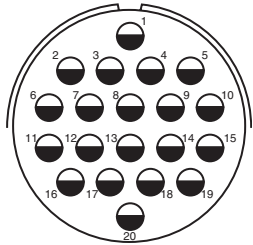
CONTACT LEGEND

16 12 8 4 0

GT Series

contact arrangements

front face of pin insert or rear face of socket insert illustrated

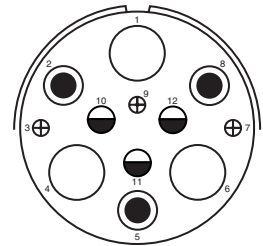
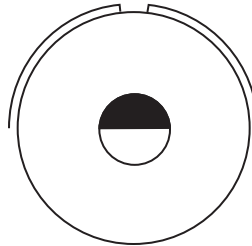
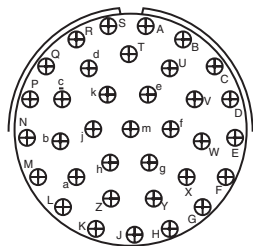


Insert Arrangement
Service Rating
Number of Contacts
Contact Size

36-79
A
20
12

36-80
A
20
12 for #10 wire

36-83
-
7
4 (Coax) RG-58/U

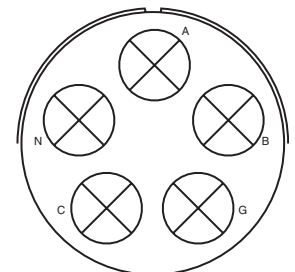
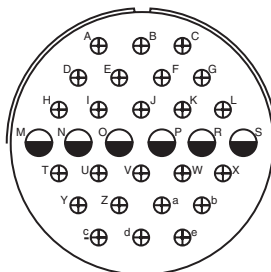
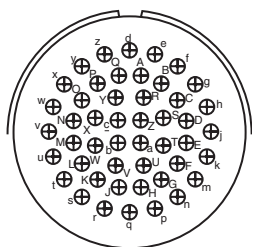


Insert Arrangement
Service Rating
Number of Contacts
Contact Size

36-85
M = D; Bal. = A
35
16 for #12 wire

36-97
C
1
4/0

36-99
D
3 3 3 3
4 8 12 16

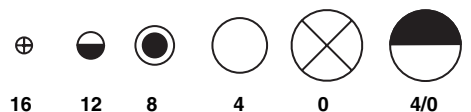


Insert Arrangement
Service Rating
Number of Contacts
Contact Size

36-AF
A
48
16

40-1
D
6 24
12 16

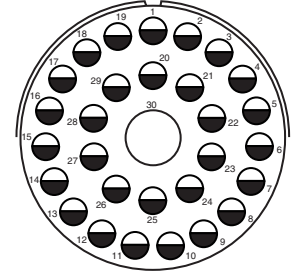
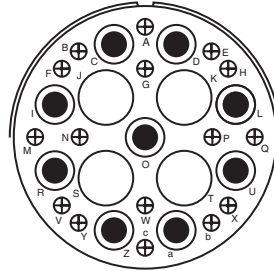
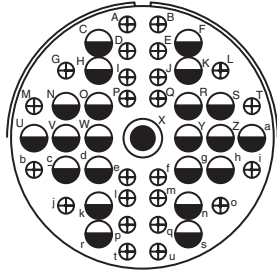
40-5
A
5
0



CONTACT LEGEND 16 12 8 4 0 4/0

GT Series contact arrangements

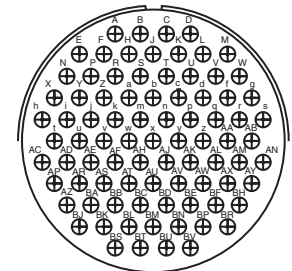
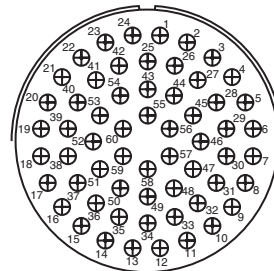
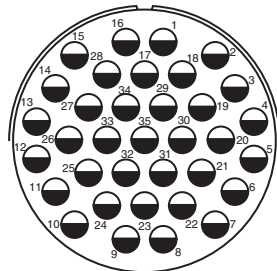
front face of pin insert or rear face of socket insert illustrated



Insert Arrangement	40-9		
Service Rating	A		
Number of Contacts	1	22	24
Contact Size	8	12	16

Insert Arrangement	40-10		
Service Rating	A		
Number of Contacts	4	9	16
Contact Size	4	8	16

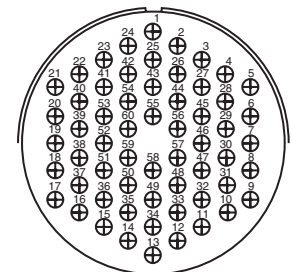
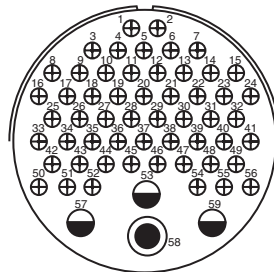
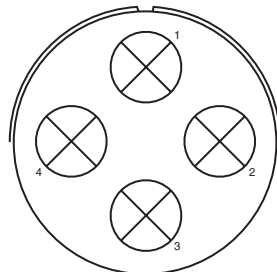
Insert Arrangement	40-30	
Service Rating	A	
Number of Contacts	29	1
Contact Size	12	4



Insert Arrangement	40-35	
Service Rating	D	
Number of Contacts	35	
Contact Size	12	

Insert Arrangement	40-53		
Service Rating	A		
Number of Contacts	60		
Contact Size	16		

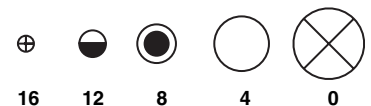
Insert Arrangement	40-56	
Service Rating	A	
Number of Contacts	85	
Contact Size	16	



Insert Arrangement	40-57	
Service Rating	E	
Number of Contacts	4	
Contact Size	0	

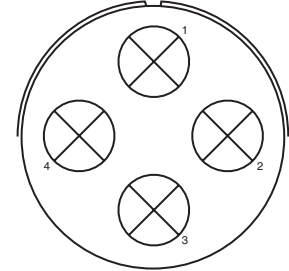
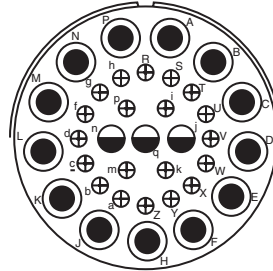
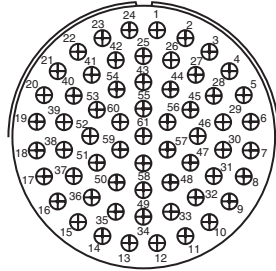
Insert Arrangement	40-61		
Service Rating	A		
Number of Contacts	1	3	55
Contact Size	8	12	16

Insert Arrangement	40-62	
Service Rating	A	
Number of Contacts	60	
Contact Size	16	



GT Series contact arrangements

front face of pin insert or rear face of socket insert illustrated

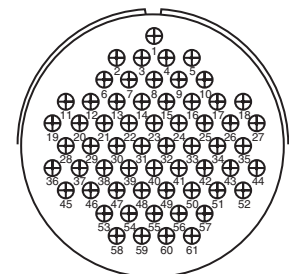
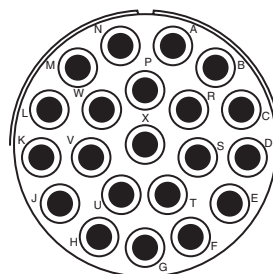
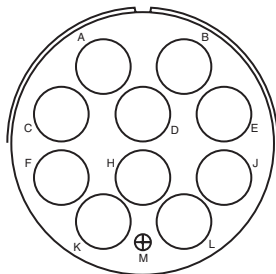


Insert Arrangement
Service Rating
Number of Contacts
Contact Size

40-63
A
61
16 for #14 wire

40-64
-
3 20 13
12 16 8 (Coax) RG-124/U

40-66
-
4
0 (Coax) RG-63 B/U

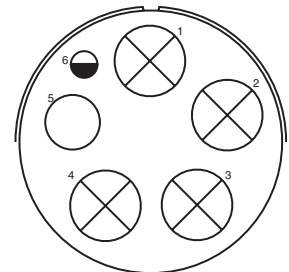
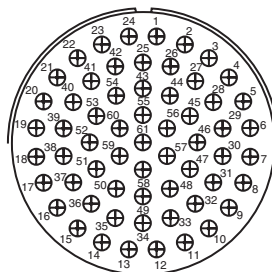
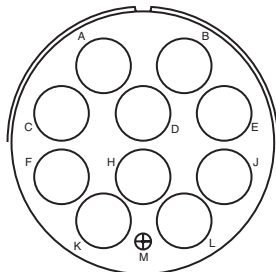


Insert Arrangement
Service Rating
Number of Contacts
Contact Size

40-67
A
1 10
16 4 (Coax) RG-59/U

40-68
A
21
8

40-70
A
61
16



Insert Arrangement
Service Rating
Number of Contacts
Contact Size

40-72
A
1 10
16 4 (Coax) RG-9B/U

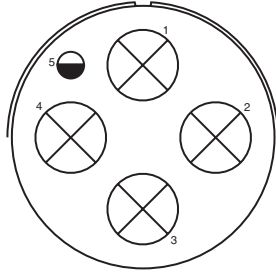
40-73
A
61
16

40-74
A
1 1 4
12 4 (Coax) RG-62/U 0 (Coax) RG-9B/U or RG-214/U

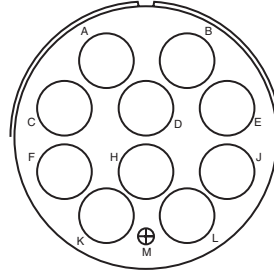


GT Series contact arrangements

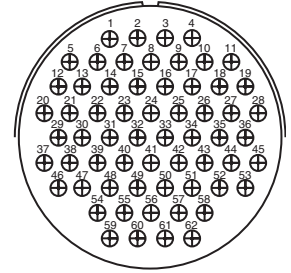
front face of pin insert or rear face of socket insert illustrated



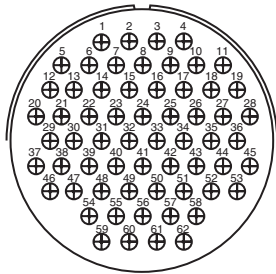
Insert Arrangement 40-75
Service Rating E
Number of Contacts 4 1
Contact Size 0 12



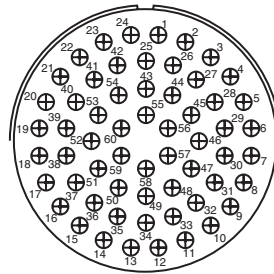
Insert Arrangement 40-80
Service Rating A
Number of Contacts 10 1
Contact Size 4 16



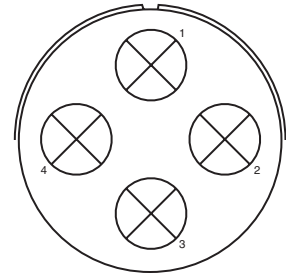
Insert Arrangement 40-81
Service Rating A
Number of Contacts 62
Contact Size 16 for #14 wire



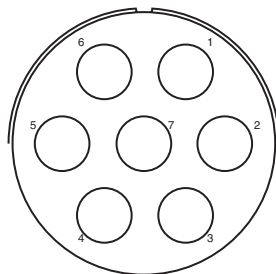
Insert Arrangement 40-82
Service Rating A
Number of Contacts 62
Contact Size 16



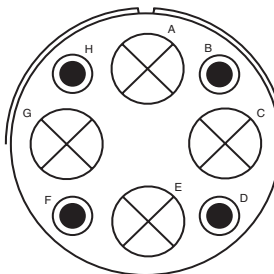
Insert Arrangement 40-85
Service Rating A
Number of Contacts 60
Contact Size 16 for #14 wire



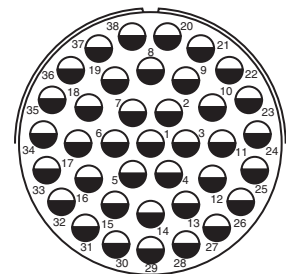
Insert Arrangement 40-86
Service Rating -
Number of Contacts 4
Contact Size 0 (Coax) RG-115A/U



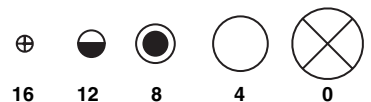
Insert Arrangement 40-87
Service Rating D
Number of Contacts 7
Contact Size 4



Insert Arrangement 40-AD
Service Rating A
Number of Contacts 4 4
Contact Size 0 8



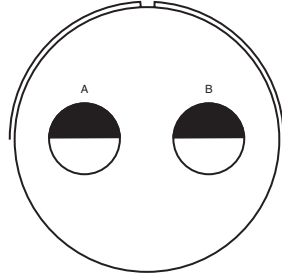
Insert Arrangement 40-AG
Service Rating A
Number of Contacts 38
Contact Size 12



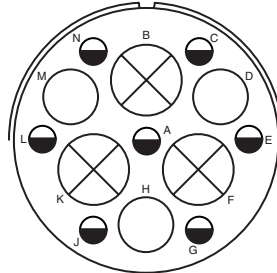
GT Series

contact arrangements

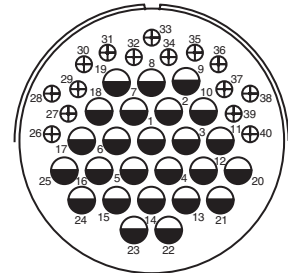
front face of pin insert or rear face of socket insert illustrated



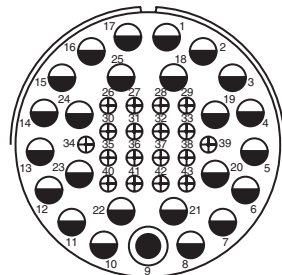
Insert Arrangement 40-AP
Service Rating E
Number of Contacts 2
Contact Size 4/0



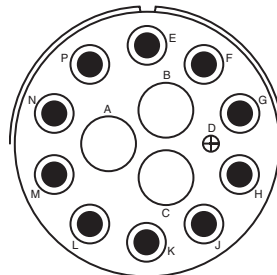
Insert Arrangement 40-AR
Inst.
Number of Contacts 3 3 7
Contact Size 0 4 12



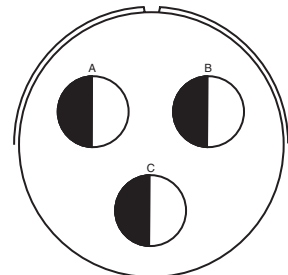
Insert Arrangement 40-AS
Service Rating A
Number of Contacts 25 15
Contact Size 12 16



Insert Arrangement 40-AT
Service Rating A
Number of Contacts 1 24 18
Contact Size 8 12 16



Insert Arrangement 40-AU
Service Rating A
Number of Contacts 3 10 1
Contact Size 4 8 16



Insert Arrangement 40-AV
Service Rating D
Number of Contacts 3
Contact Size 2/0

