

MIL-C-22992, QWLD

insert arrangements

Insert Arrangement		Service Rating	Total Contacts	Contact Size				
MS Approved	Industrial			0	4	8	12	16
12-5		D	1				1	
	12-48	A	3					3
	12-49	A	2					2
14-3		A	1			1		
	14-53	Inst.	6					6
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	
	16-61	A	7				7	
18-1		B, C, F, G = A; Bal. = 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	B, C, F, G = A; Bal. = Inst.	10					10
	18-29	A	5					5
	18-30	A	5					5
	18-31	A	5					5
20-2		D	1	1				
	20-3	D	3				3	
20-4		D	4				4	
	20-6	D	3					3
20-7		A, B, H, G = D; C, D, E, F = A	8					8
20-8		Inst.	6			2		4

Insert Arrangement		Service Rating	Total Contacts	Contact Size				
MS Approved	Industrial			0	4	8	12	16
20-9		H = D; Bal. = 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
20-27		A	14					14
20-29		A	17					17
	20-30	Inst.	13					13
20-33		A	11					11
	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	E = D; A, B, C, D = A	5				4	1
22-14		A	19					19
22-15		D = E; A, B, C, E, F = A	6				5	1
	22-16	A	9				3	6
22-17		A = D; Bal. = A	9				1	8
22-18		A, B, F, G, H = D; C, D, E = 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		H = D; Bal. = A	8				8	
	22-24	C, D, E = D; A, B, F = A	6				2	4

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insert arrangements

Insert Arrangement		Service Rating	Total Contacts	Contact Size				
MS Approved	Industrial			0	4	8	12	16
22-27		J = D; Bal. = A	9			1		8
	22-28	A	7				7	
	22-33	A, B, C, D = D; E, F, G = A	7					7
	22-34	D	5				3	2
22-36		H = D; Bal. = A	8				8	
24-2		D	7				7	
	24-3	D	7				2	5
	24-5	A	16					16
24-6		A, G, H = D; Bal. = 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		A, B, F, G = D; C, D, E = A	7			1	3	3
	24-17	D	5				2	3
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
28-1		A, J, E = D; Bal. = A	9			3	6	
28-2		D	14				2	12
28-3		E	3			3		
28-4		G, P, S = E; Bal. = D	9				2	7
28-5		D	5		2		1	2
	28-6	D	3		3			
	28-7	D	2		2			
28-8		L, M = E; B = D; Bal. = A	12				2	10
28-9		D	12				6	6
28-10		G = D; Bal. = 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		R = B; M, N, P = D; A to L = A	15					15
28-18		M = C; G, H, J, K, L = D; A, B = H; Bal. = Inst.	12					12
28-19		H, M = B; A, B = D; Bal. = A	10				4	6
28-20		A	14				10	4

Insert Arrangement		Service Rating	Total Contacts	Contact Size				
MS Approved	Industrial			0	4	8	12	16
28-21		A	37					37
28-22		D	6			3		3
32-1		A = E; Bal. = D	5	2			3	
32-2		E	5			3		2
32-3		D	9	1	2		2	4
	32-4	F, J, K, N = A; Bal. = D	14				2	12
	32-5	D	2	2				
32-6		A	23		2	3	2	16
32-7		A, B, h, j = Inst.; Bal. = A	35				7	28
	32-8	A	30				6	24
32-9		D	14		2			12
	32-10	A, F = E; G = B; B, E = D; C, D = A	7		2	2		3
	32-12	C, D, E, F, G = A; Bal. = D	15				5	10
32-13		D	23				5	18
32-15		D	8	2			6	
	32-16	A	23		2	3	2	16
32-17		D	4		4			
32-73		A	46					46
	36-1	D	22				4	18
36-3		D	6	3			3	
	36-4	A = D; B, C = 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	N, P, Q = E; Bal. = A	17				2	15
	36-14	D	16			5	5	6
36-15		M = D; Bal. = 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
36-52		A	52					52
40-1		D	30				6	24
40-9		A	47			1	22	24
40-56		A	85					85
44-52		A	104					104

QWLD

special insert arrangements

Insert Arrangement	Service Rating	Total Con-acts	Contact Size																
			0	4	8	12	16	Coax**											
								0	4	8	12								
16-59	A	4				4													
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												
22-63	A	12				4	8												
22-65	A/D	8				8*													
22-70	A	13				8	5												
22-80	A	3			3*														
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												
24-84	A	19				1													18
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														
32-52	D	8	2			6													
32-53	Inst./E	42				5	37												
32-56	A	30				6*	24												
32-57	Coax	8				6		2											
32-58	Coax	4										4							
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											
32-75	Coax	9				2													7
32-76	A	19				19													
32-79	D	5		4	1														

Insert Arrangement	Service Rating	Total Con-acts	Contact Size																
			0	4	8	12	16	Coax**											
								0	4	8	12								
36-51	D	4	2	2															
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					
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*					
40-53	A	60												60					
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	E	4												4					
40-87	D	7				7													
44-53	A	36												18					18
48-51†	A	56				10		42	4										
48-52†	A	61						56	5										
48-53†	D	37							37										
48-54†	A	56				10		42	4										
48-55†	A	78				6	2	2	68										
48-57†	A	56	4			10		42											
48-60†	A	56				10		42	4										

* 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 39-47 for application wire size.

** Coaxial cable data can be found on insert arrangement drawings, pages 39-47. For further information on coaxial contacts and cable see catalog 12-130.

† Consult Sidney, NY for availability.

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contact arrangements

front face of pin insert or rear of socket insert illustrated

Insert Arrangement	12-5	12-48	12-49	14-3	14-53	16-2
Service Rating	D	A	A	A	Inst.	E
Number of Contacts	1	3	2	1	6	1
Contact Size	12	16	16	8	16	12

Insert Arrangement	16-7	16-9	16-10	16-11	16-12	16-13
Service Rating	A	A	A	A	A	A
Number of Contacts	1 2	2 2	3	2	1	2*
Contact Size	8 16	12 16	12	12	4	12

Insert Arrangement	16-61	18-1	18-3	18-4	18-5	18-6
Service Rating	A	B, C, F, G = A; Bal. = Inst.	D	D	D	D
Number of Contacts	7	10	2	4	2 1	1
Contact Size	16	16	12	16	12 16	4

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

*A = Iron; B = Constantan

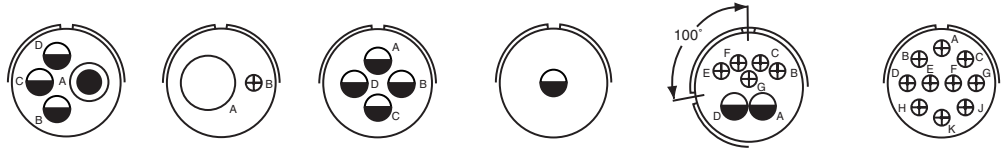


CONTACT LEGEND

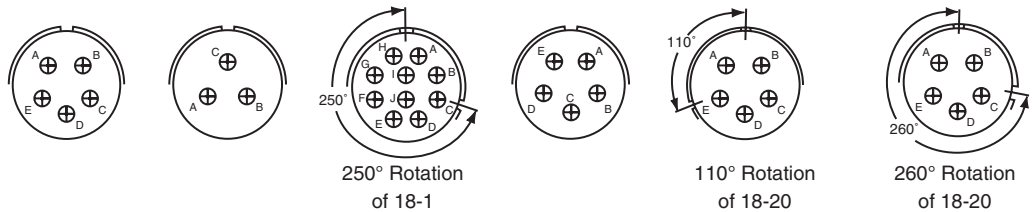
16	12	8	4	0

MIL-C-22992, QWLD contact arrangements

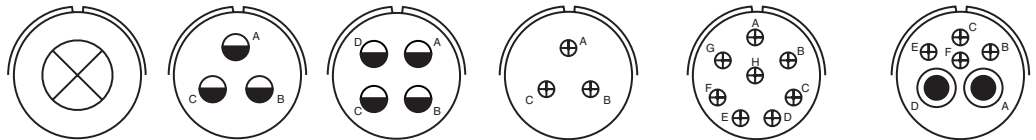
front face of pin insert or rear of socket insert illustrated



Insert Arrangement	18-13	18-14	18-15	18-16	18-17	18-19
Service Rating	A	A	A	C	Inst.	A
Number of Contacts	1 3	1 1	4**	1	2 5	10
Contact Size	8 12	4 16	12	12	12 16	16



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

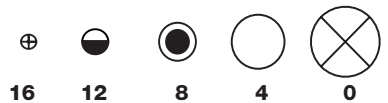


Insert Arrangement	20-2	20-3	20-4	20-6	20-7	20-8
Service Rating	D	D	D	D	A, B, H, G = D; C, D, E, F = A	Inst.
Number of Contacts	1	3	4	3	8	2 4
Contact Size	0	12	12	16	16	8 16

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



CONTACT LEGEND



MIL-C-22992, QWLD

contact arrangements

front face of pin insert or rear of socket insert illustrated

Insert Arrangement	20-9	20-11	20-12	20-14	20-15	20-16
Service Rating	H = D; Bal. = A	Inst.	A	A	A	A
Number of Contacts	1 7	13	1 1	2 3	7	2 7
Contact Size	12 16	16	4 16	8 12	12	12 16

Insert Arrangement	20-17	20-18	20-19	20-20	20-21	20-22
Service Rating	A	A	A	A	A	A
Number of Contacts	5 1	3 6	3	1 3	1 8	3 3
Contact Size	12 16	12 16	8	4 12	12 16	8 16

Insert Arrangement	20-23	20-24	20-25	20-27	20-29	20-30
Service Rating	A	A	Inst.	A	A	Inst.
Number of Contacts	2	2 2	13	14	17	13
Contact Size	8	8 16	16	16	16	16

CONTACT LEGEND

16	12	8	4	0

MIL-C-22992, QWLD contact arrangements

front face of pin insert or rear of socket insert illustrated

Insert Arrangements	20-33	22-1	22-2	22-4	22-5
Service Rating	A	D	D	A	D
Number of Contacts	11	2	3	2 2	2 4
Contact Size	16	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

CONTACT LEGEND	16	12	8	4	0

MIL-C-22992, QWLD

contact arrangements

front face of pin insert or rear 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	22-36	24-2
Service Rating	A	A, B, C, D = D; E, F, G = A	D	H = D; Bal. = A	D
Number of Contacts	7	7	3 2	8	7
Contact Size	12	16	12 16	12	12

CONTACT LEGEND	16	12	8	4	0

MIL-C-22992, QWLD contact arrangements

front face of pin insert or rear of socket insert illustrated

Insert Arrangement	24-3	24-5	24-6	24-7	24-9
Service Rating	D	A	A, G, H = D; Bal. = A	A	A
Number of Contacts	2 5	16	8	2 14	2
Contact Size	12 16	16	12	12 16	4

Insert Arrangement	24-10	24-11	24-12	24-16	24-17
Service Rating	A	A	A	A, B, F, G = D; C, D, E = A	D
Number of Contacts	7	3 6	2 3	1 3 3	2 3
Contact Size	8	8 12	4 12	8 12 16	12 16

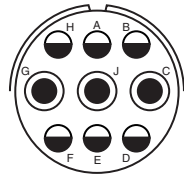
Insert Arrangement	24-20	24-21	24-22	24-27	24-28
Service Rating	D	D	D	E	Inst.
Number of Contacts	2 9	1 9	4	7	24
Contact Size	12 16	8 16	8	16	16

CONTACT LEGEND

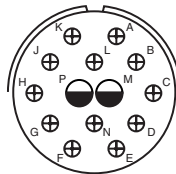
16	12	8	4	0

MIL-C-22992, QWLD contact arrangements

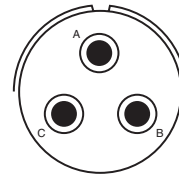
front face of pin insert or rear of socket insert illustrated



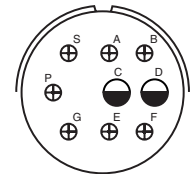
28-1
A, J, E = D; Bal. = A
3 6
8 12



28-2
D
2 12
12 16

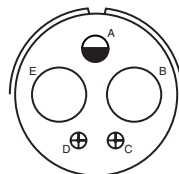


28-3
E
3
8

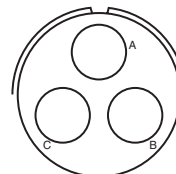


28-4
G, P, S = E; Bal. = D
2 7
12 16

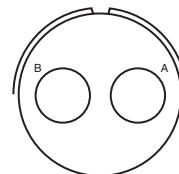
Insert Arrangement
Service Rating
Number of Contacts
Contact Size



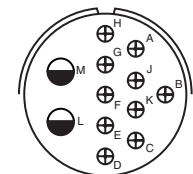
28-5
D
2 1 2
4 12 16



28-6
D
3
4

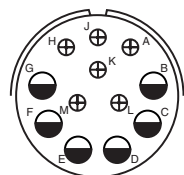


28-7
D
2
4

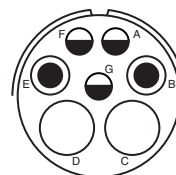


28-8
L, M = E; B = D; Bal. = A
2 10
12 16

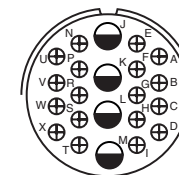
Insert Arrangement
Service Rating
Number of Contacts
Contact Size



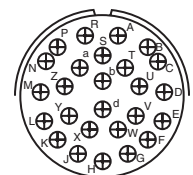
28-9
D
6 6
12 16



28-10
G = D; Bal. = A
2 2 3
4 8 12

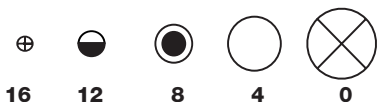


28-11
A
4 18
12 16



28-12
A
26
16

Insert Arrangement
Service Rating
Number of Contacts
Contact Size



CONTACT LEGEND

16

12

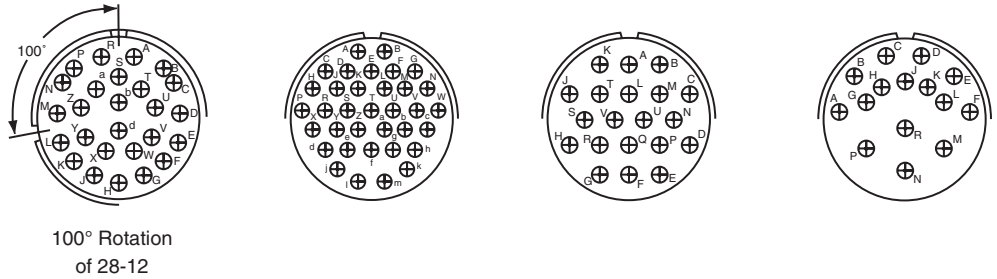
8

4

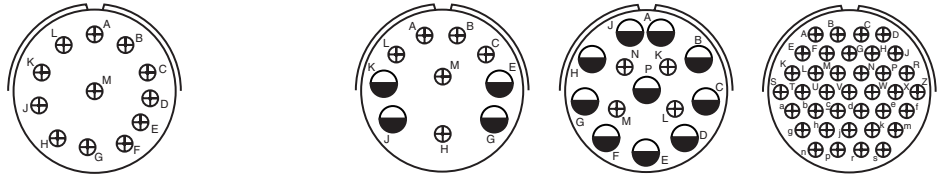
0

MIL-C-22992, QWLD contact arrangements

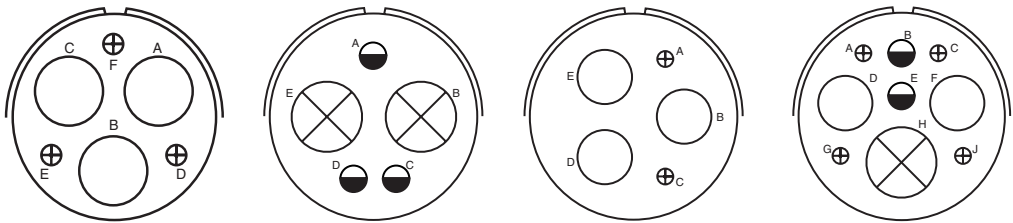
front face of pin insert or rear of socket insert illustrated



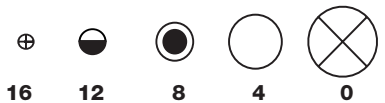
Insert Arrangement	28-13	28-15	28-16	28-17
Service Rating	A	A	A	R = B; M, N, P = D; A to L = A
Number of Contacts	26	35	20	15
Contact Size	16	16	16	16



Insert Arrangement	28-18	28-19	28-20	28-21
Service Rating	M = C; G, H, J, K, L = D; A, B = H; Bal. = Inst.	H, M = B; A = D; Bal = A	A	A
Number of Contacts	12	4 6	10 4	37
Contact Size	16	12 16	12 16	16

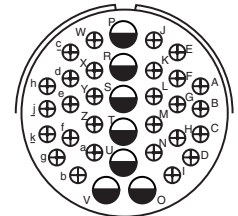
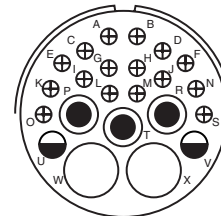
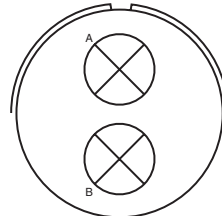
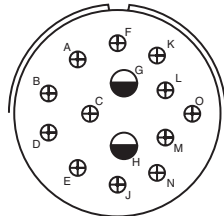


Insert Arrangement	28-22	32-1	32-2	32-3
Service Rating	D	A = E; Bal. = D	E	D
Number of Contacts	3 3	2 3	3 2	1 2 2 4
Contact Size	4 16	0 12	4 16	0 4 12 16



MIL-C-22992, QWLD contact arrangements

front face of pin insert or rear of socket insert illustrated



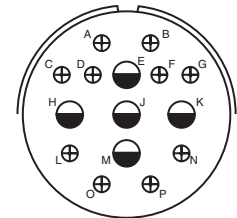
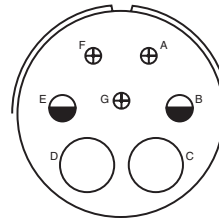
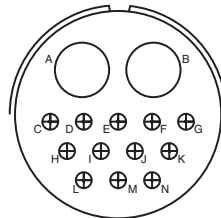
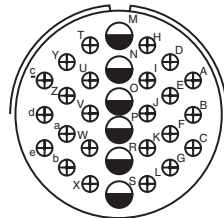
Insert Arrangement
Service Rating
Number of Contacts
Contact Size

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

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



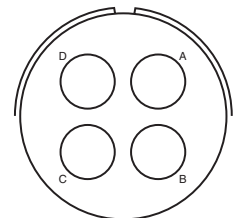
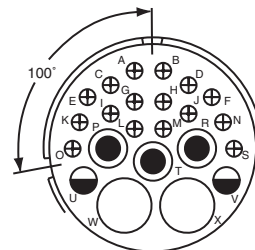
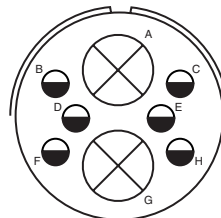
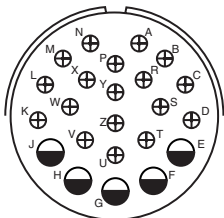
Insert Arrangement
Service Rating
Number of Contacts
Contact Size

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

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



100° Rotation
of 32-6

Insert Arrangement
Service Rating
Number of Contacts
Contact Size

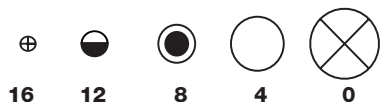
32-13
D
5 18
12 16

32-15
D
2 6
0 12

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

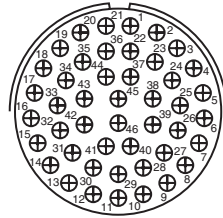
32-17
D
4
4

CONTACT LEGEND



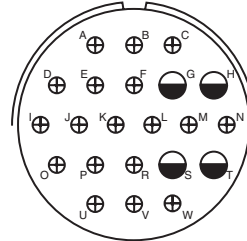
MIL-C-22992, QWLD contact arrangements

front face of pin insert or rear of socket insert illustrated

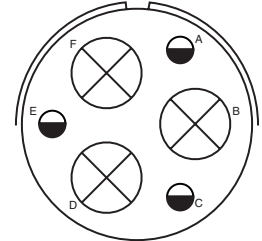


Insert Arrangement
Service Rating
Number of Contacts
Contact Size

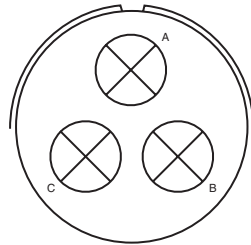
32-73
A
46
16



36-1
D
4 18
12 16

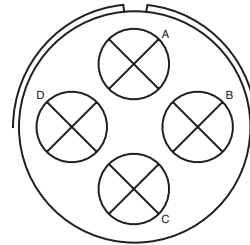


36-3
D
3 3
0 12

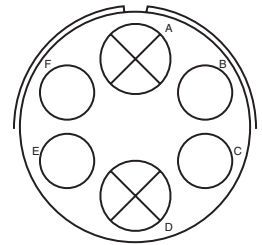


Insert Arrangement
Service Rating
Number of Contacts
Contact Size

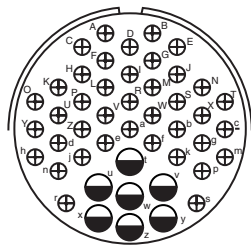
36-4
A = D; B, C = A
3
0



36-5
A
4
0

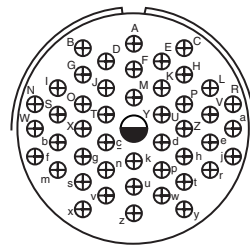


36-6
A
2 4
0 4

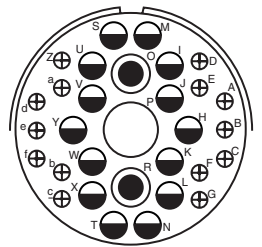


Insert Arrangement
Service Rating
Number of Contacts
Contact Size

36-7
A
7 40
12 16

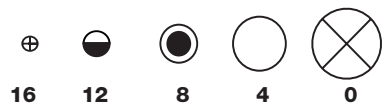


36-8
A
1 46
12 16



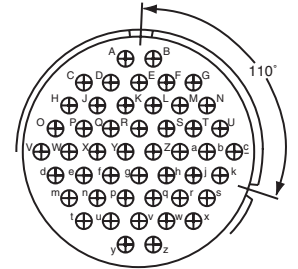
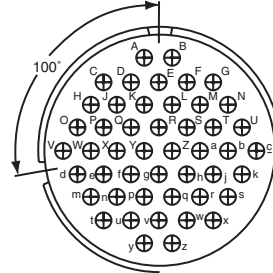
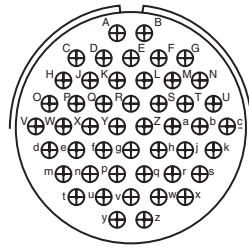
36-9
A
1 2 14 14
4 8 12 16

CONTACT LEGEND



MIL-C-22992, QWLD contact arrangements

front face of pin insert or rear of socket insert illustrated



Insert Arrangement
Service Rating
Number of Contacts
Contact Size

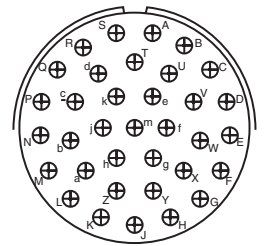
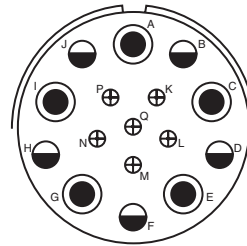
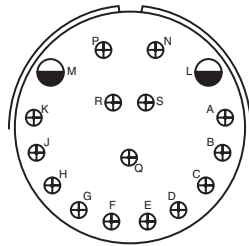
36-10
A
48
16

100° Rotation
of 36-10

36-11
A
48
16

110° Rotation
of 36-10

36-12
A
48
16

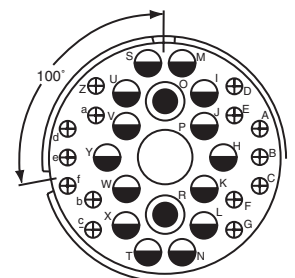
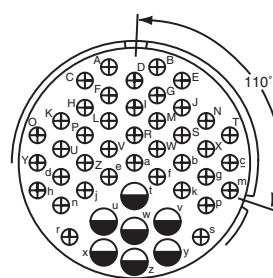
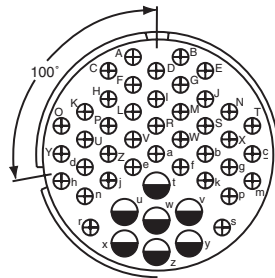


Insert Arrangement
Service Rating
Number of Contacts
Contact Size

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

36-14
D
5 5 6
8 12 16

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



Insert Arrangements
Service Rating
Number of CContacts
Contact Size

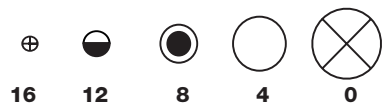
36-16
A
7 40
12 16

110° Rotation
of 36-7

36-17
A
7 40
12 16

100° Rotation
of 36-9

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



CONTACT LEGEND

16

12

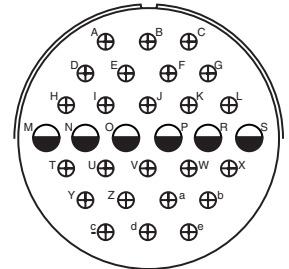
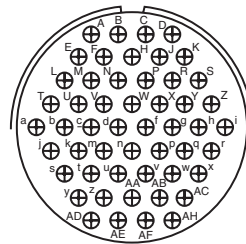
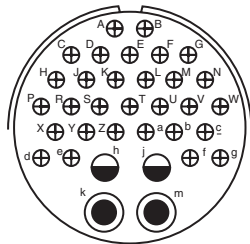
8

4

0

MIL-C-22992, QWLD contact arrangements

front face of pin insert or rear of socket insert illustrated

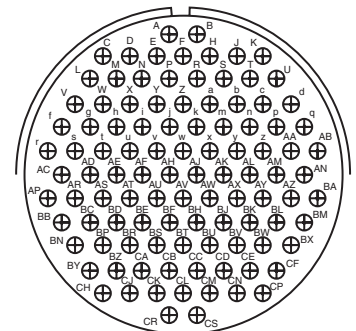
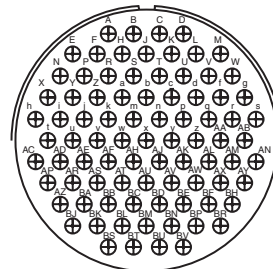
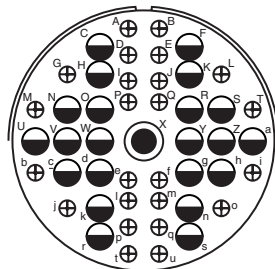


Insert Arrangement
Service Rating
Number of Contacts
Contact Size

36-20
A
2 2 30
8 12 16

36-52
A
52
16

40-1
D
6 24
12 16

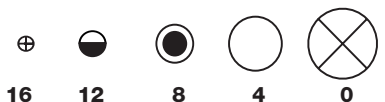


Insert Arrangement
Service Rating
Number of Contacts
Contact Size

40-9
A
1 22 24
8 12 16

40-56
A
85
16

44-52
A
104
16



CONTACT LEGEND

16 12 8 4 0

QWLD

special arrangements

Ever expanding requirements for more complex circuits in ground equipment and elevated altitude applications has prompted Amphenol to provide inserts not covered by the MS drawings. Pictured here and on the following pages are insert layouts which have anywhere from one contact

(high tension) to the 78 contact insert in shell size 48. Many of these special inserts are also available in alternate keyway positions. Please contact Amphenol, Sidney, NY or your local Amphenol sales office for arrangements particular to your circuit application.

front face of pin insert or rear of socket insert illustrated

Insert Arrangement	16-59	20-51	20-57	20-58	20-59
Service Rating	A	A	A	A	A
Number of Contacts	4	3*	7*	5 5	3*
Contact Size	12	8	12 for #14 or 16 wire	12 16	8 for #10 or 12 wire

Insert Arrangement	20-66	20-79	22-63	22-65
Service Rating	A	H = D; Bal. = A	A	H = D; Bal. = A
Number of Contacts	1 5	7* 1*	4 8	8*
Contact Size	16 12 or #10 wire	16 12 for #16 wire	12 16	12 for #14 or 16 wire

Insert Arrangement	22-70	22-80	24-51	24-52
Service Rating	A	A	A	Hi-Volt
Number of Contacts	8 5	3*	5*	1
Contact Size	12 16	8 for #10 or 12 wire	B, E for AN #10 or 12 wire A, C, D for AN #8 wire	12

*Solderless

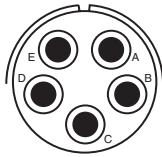


CONTACT LEGEND	16	12	8	4	0

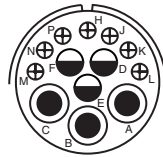
QWLD

special arrangements

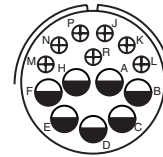
front face of pin insert or rear of socket insert illustrated



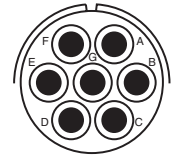
24-53
A
5*
8



24-58
A
3 3 7
8 12 16

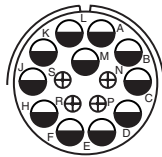


24-59
A
7 7
12 16

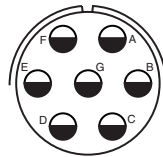


24-60
A
7*
8 for #10 or 12 wire

Insert Arrangement
Service Rating
Number of Contacts
Contact Size

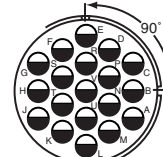


24-65
A
11 4
12 16

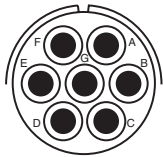


24-66
D
7
12

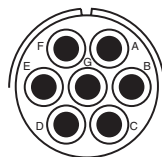
Insert Arrangement
Service Rating
Number of Contacts
Contact Size



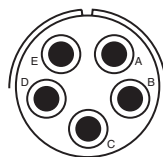
24-67
Inst.
19
12



24-71
A
2* 5*
8 8 for #10 or 12 wire

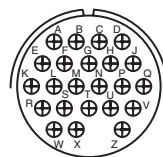


24-75
A
5 2
8 8 for #16 wire

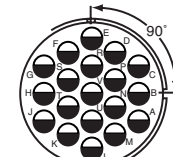


24-79
A
5
8

Insert Arrangement
Service Rating
Number of Contacts
Contact Size



24-80
Inst.
23
16

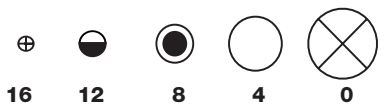


24-84
A
1 18
12 12 (Coax) RG-188/U
or RG-174/U

*Solderless



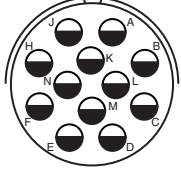
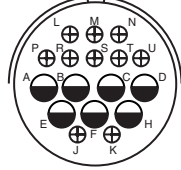
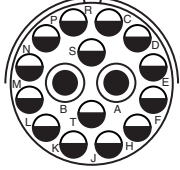
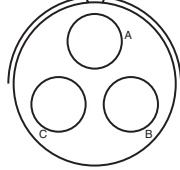

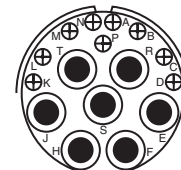

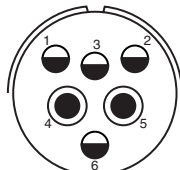
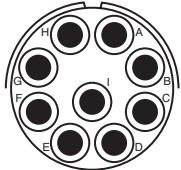
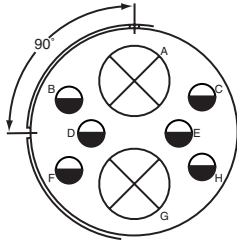
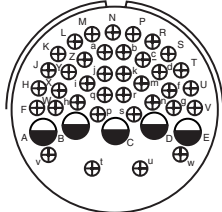
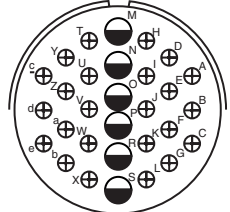
CONTACT LEGEND



QWLD

special arrangements

front face of pin insert or rear of socket insert illustrated

				
Insert Arrangement	28-51	28-59	28-66	28-72
Service Rating	A	A	A	-
Number of Contacts	12	7 10	2 14	3
Contact Size	12	12 16	8 12	4 (Coax) RG-59A/U or RG-62A/U
				
Insert Arrangement	28-74	28-75	28-79	28-82
Service Rating	A	A	A	D
Number of Contacts	9* 4* 3*	9* 7*	7 9	2 4
Contact Size	16 8 8 for #10 wire (S, T, R)	16 8 for #10 wire	8 16	8 12
				
Insert Arrangement	28-84	32-52	32-53	32-56
Service Rating	A	D	t, u = E; Bal. = Inst.	A
Number of Contacts	9	6 2	5 37	24 6
Contact Size	8	12 0	12 16	16 12 for #10 wire

90° CW Rotation
of 32-15

*Solderless

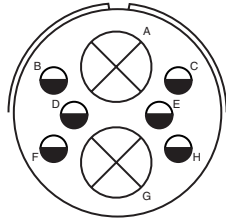


CONTACT LEGEND



QWLD special arrangements

front face of pin insert or rear of socket insert illustrated

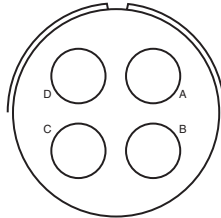


32-57

**

Insert Arrangement
Service Rating
Number of Contacts
Contact Size

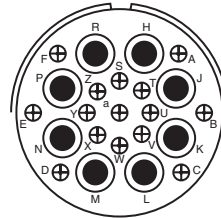
6 2
12 0 (Coax) RG-71/U



32-58

-

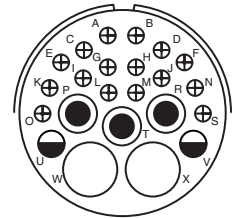
4 (Coax) RG-161U
or RG-179/U



32-60

A

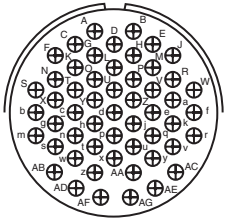
15 8
16 8 (Coax) RG-124/U



32-62

**

2 1 2 16 2
4 8 12 16 8 (Coax)RG-124/U

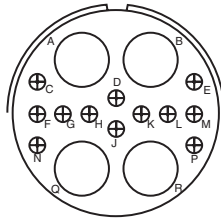


32-64

Inst.

Insert Arrangement
Service Rating
Number of Contacts
Contact Size

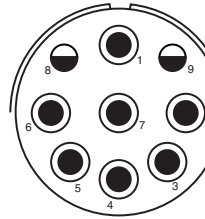
54
16



32-68

A

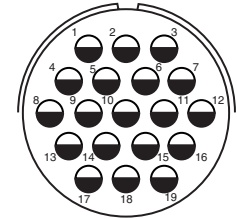
12 4
16 4 (Coax) RG-58C/U



32-75

8, 9 = D

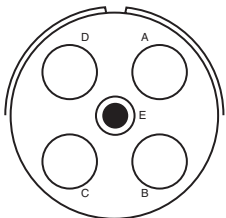
2 7
12 8 (Coax) RG-180B/U



32-76

A

19
12

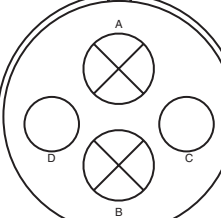


32-79

D

Insert Arrangement
Service Rating
Number of Contacts
Contact Size

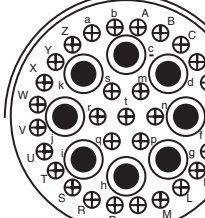
4 1
4 8



36-51

D

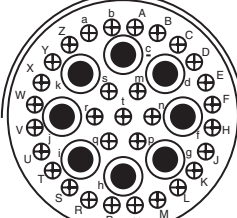
2 2
0 4



36-54

A

8 31
8 16



36-55

A

31 8
16 8 for #6 wire



CONTACT LEGEND

16

12

8

4

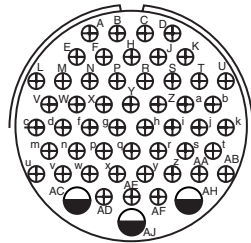
0

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



QWLD special arrangements

front face of pin insert or rear of socket insert illustrated

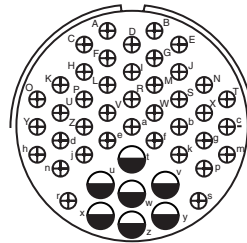


36-59

A

50 3

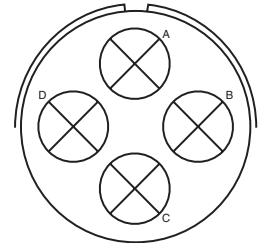
16 12 for #10 wire



36-60

40 7

16 12 for #10 wire



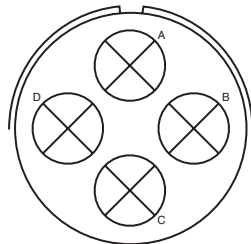
36-64

-

4

**0 (Coax) RG-11/U
RG-12/U or RG-13/U**

Insert Arrangement
Service Rating
Number of Contacts
Contact Size

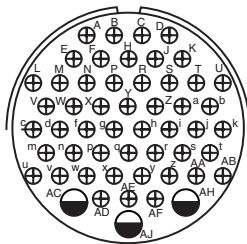


36-65

-

4

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

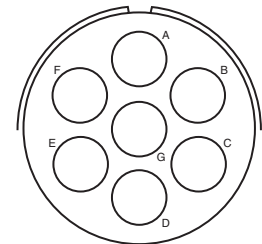


36-71

A

3 50

12 16



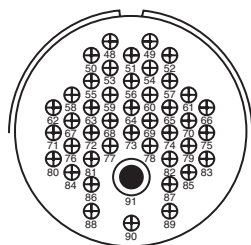
36-73

-

7

4 (Coax) RG-62B/U

Insert Arrangement
Service Rating
Number of Contacts
Contact Size

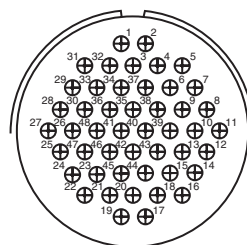


36-74

A

43 1

16 8 (Coax) RG-187/U

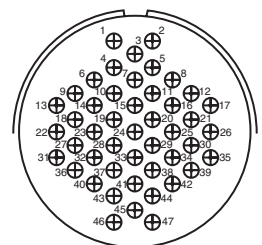


36-75

A

48

16 for #14 wire



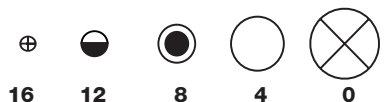
36-76

A

47

16

Insert Arrangement
Service Rating
Number of Contacts
Contact Size



CONTACT LEGEND

16

12

8

4

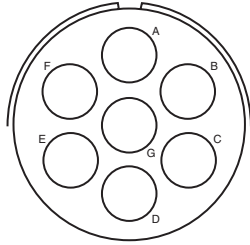
0

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



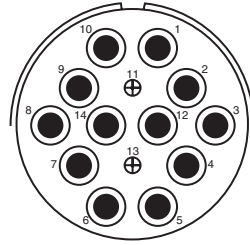
QWLD special arrangements

front face of pin insert or rear of socket insert illustrated

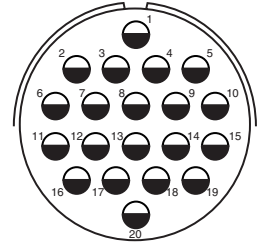


Insert Arrangement
Service Rating
Number of Contacts
Contact Size

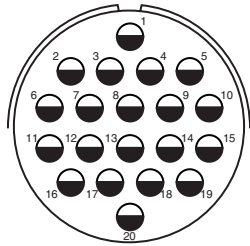
36-77
D
7
4



36-78
A
2 12
16 8

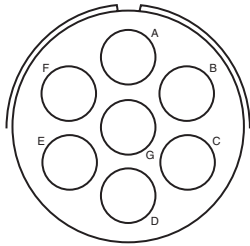


36-79
A
20
12

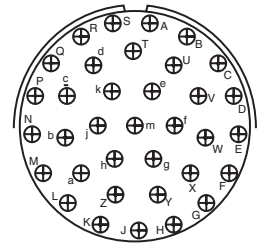


Insert Arrangement
Service Rating
Number of Contacts
Contact Size

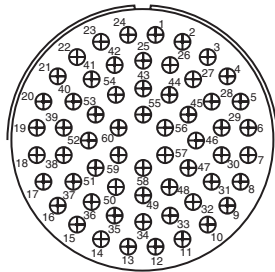
36-80
A
20
12 for #10 wire



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

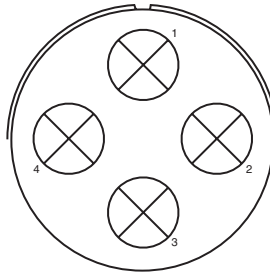


36-85
M = D; Bal. = A
35
16 for #12 wire

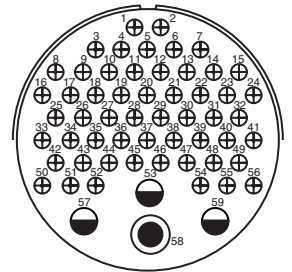


Insert Arrangement
Service Rating
Number of Contacts
Contact Size

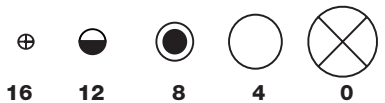
40-53
A
60
16



40-57
E
4
0



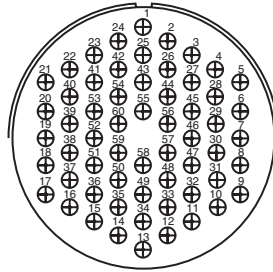
40-61
A
1 3 55
8 12 16



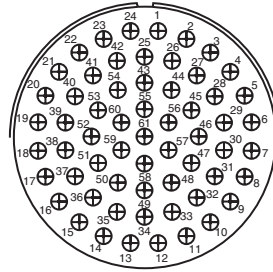
CONTACT LEGEND

QWLD special arrangements

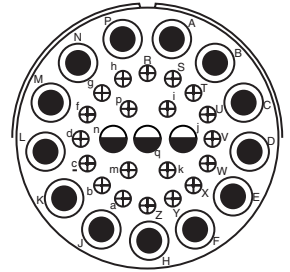
front face of pin insert or rear of socket insert illustrated



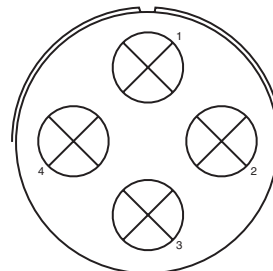
40-62
A
60
16



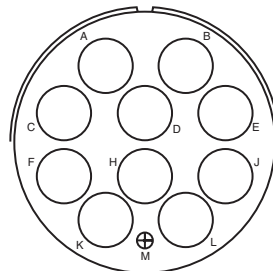
40-63
A
61
16 for #14 wire



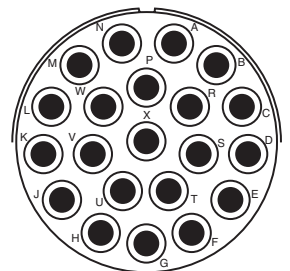
40-64
-
3 20 13
12 16 8 (Coax) RG-124/U



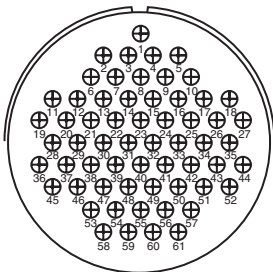
40-66
-
4
0 (Coax) RG-63B/U



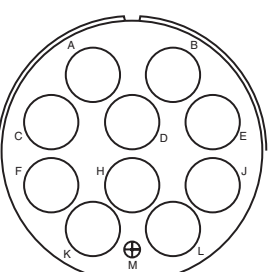
40-67
A
1 10
16 4 (Coax) RG-59/U



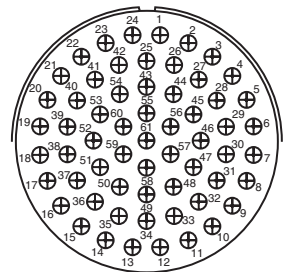
40-68
A
21
8



40-70
A
61
16

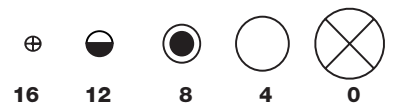


40-72
A
1 10
16 4 (Coax) RG-9B/U



40-73
A
61
16

Insert Arrangement
Service Rating
Number of Contacts
Contact Size

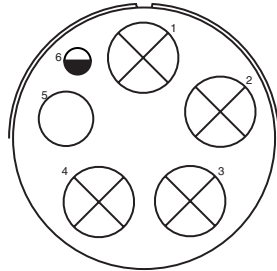


CONTACT LEGEND

16 12 8 4 0

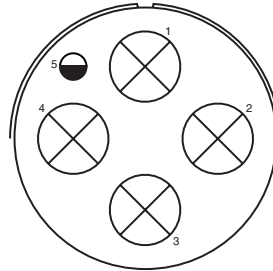
QWLD special arrangements

front face of pin insert or rear of socket insert illustrated

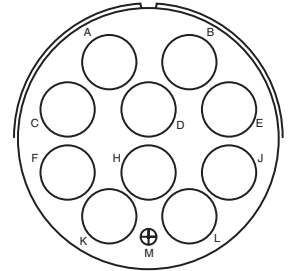


Insert Arrangement
Service Rating
Number of Contacts
Contact Size

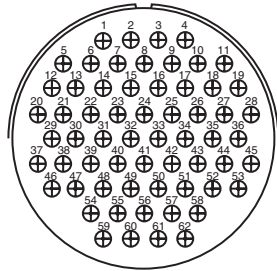
40-74
A
1 1 4
12 4 (Coax) RG-62/U 0 (Coax) RG-9B/U
or RG-214/U



40-75
E
1 4
12 0

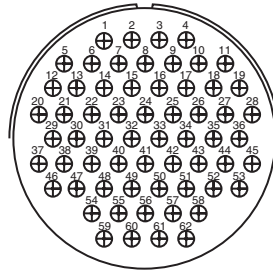


40-80
A
1 10
16 4

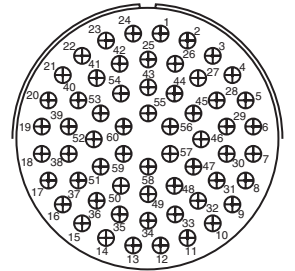


Insert Arrangement
Service Rating
Number of Contacts
Contact Size

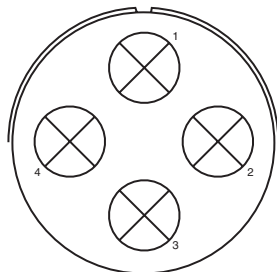
40-81
A
62
16 for #14 wire



40-82
A
62
16

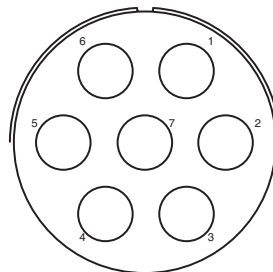


40-85
A
60
16 for #14 wire

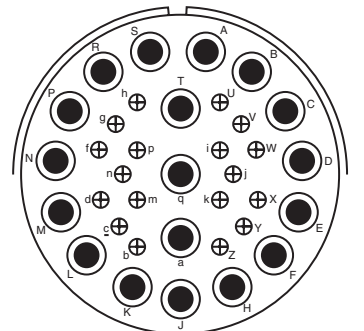


Insert Arrangement
Service Rating
Number of Contacts
Contact Size

40-86
-
4
0 (Coax) RG-115A/U

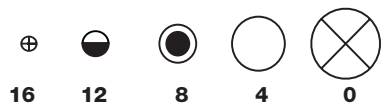


40-87
D
7
4



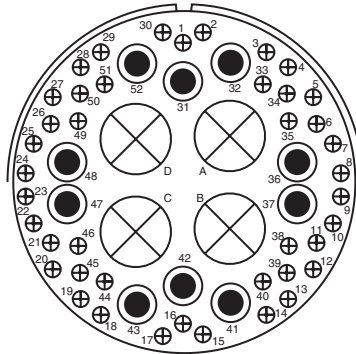
44-53
A
18 18
16 8 (Coax) RG-124/U

CONTACT LEGEND



QWLD special arrangements

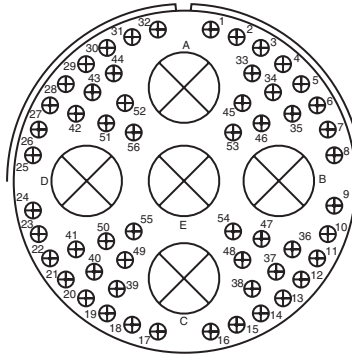
front face of pin insert or rear of socket insert illustrated



48-51†

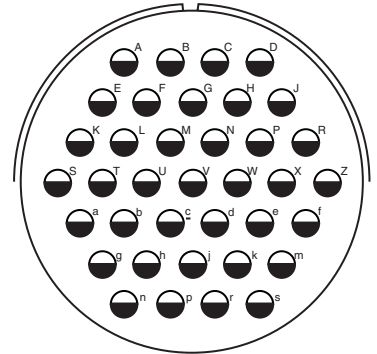
Insert Arrangement
Service Rating
Number of Contacts
Contact Size

A
42 10 4
16 8 0 (Coax) RG-41/U



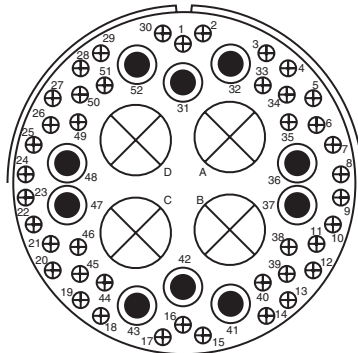
48-52†

A
56 5
16 0 (Coax) RG-41/U



48-53†

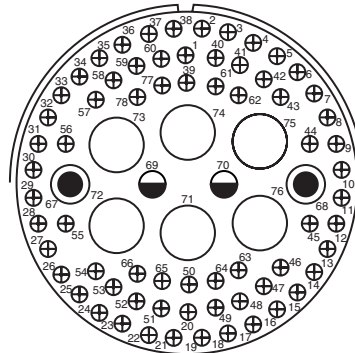
D
37
12



48-54†

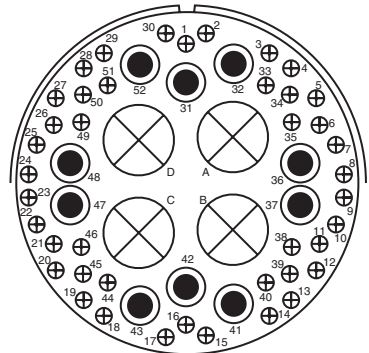
Insert Arrangement
Service Rating
Number of Contacts
Contact Size

A
42 10 4
16 8 0 (Coax) RG-59/U



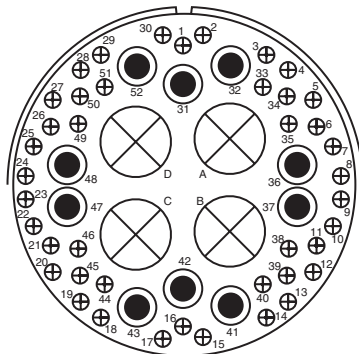
48-55†

A
68 2 2 6
16 12 8 4



48-57†

A
42 10 4
16 8 0



48-60†

Insert Arrangement
Service Rating
Number of Contacts
Contact Size

A
42 10 4
16 8 0 (Coax) RG-214/U

†Consult Sidney, NY for availability

CONTACT LEGEND

