



MIL-DTL-5015 Type Hermetic Power and Signal Connectors Insert Arrangements per MIL-STD-1651

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Insert Arrangements						
Insert Arr.	Contact Size and Quantity					Service Rating
	16	12	8	4	0	
8S-1	1					A
10S-2	1					A
10SL-3	3					INST
10SL-4	2					A
12S-3	2					A
12S-4	1					D
12-5		1				D
14S-1	3					A
14S-2	4					INST
14-3			1			A
14S-4	1					D
14S-5	5					INST
14S-6	6					INST
14S-7	3					A
14S-9	2					A
16S-1	7					A
16-2		1				E
16S-3	1					B
16S-4	2					D
16S-5	3					A
16S-6	3					A
16-7	2		1			A
16S-8	5					A
16-9	2	2				A
16-10		3				A
16-11		2				A
16-12				1		A
16-13		2				A
18-1	10					A/INST
18-3		2				D
18-4	4					D
18-5	1	2				D
18-6				1		D
18-7			1			B
18-8	7	1				A
18-9	5	2				INST
18-10		4				A
18-11		5				A
18-12	6					A
18-13		3	1			A
18-14	1			1		A
18-15		4				A

Insert Arrangements						
Insert Arr.	Contact Size and Quantity					Service Rating
	16	12	8	4	0	
18-16		1				C
18-20	5					A
18-22	3					D
18-29	5					A
20-2					1	D
20-3		3				D
20-4		4				D
20-5	2					E
20-6	3					D
20-7	8					D/A
20-8	4		2			INST
20-9	7	1				D/A
20-11	13					INST
20-12	1			1		A
20-13	4					A
20-14		3	2			A
20-15		7				A
20-16	7	2				A
20-17	1	5				A
20-18	6	3				A
20-19			3			A
20-20		3		1		A
20-21	8	1				
20-22	3		3			A
20-23			2			A
20-24	2		2			A
20-27	14					A
20-29	17					A
20-31	11					A
20-33	11					A
22-1			2			D
22-2			3			D
22-3	1			1		D
22-4		2	2			A
22-5	4	2				D
22-6	1		2			D
22-7					1	E
22-8		2				E
22-9		3				E
22-10	4					E
22-11	2					B
22-12	3		2			D

Insert Arrangements						
Insert Arr.	Contact Size and Quantity					Service Rating
	16	12	8	4	0	
22-13	1	4				D
22-14	19					A
22-15	1	5				E/A
22-17	8	1				D/A
22-18	8					A/D
22-19	14					A
22-20	9					A
22-21	2				1	A
22-22			4			A
22-23		8				D/A
22-24	4	2				D/A
22-25	2				1	A
24-1		1			1	D
24-2		7				D
24-3	5	2				D
24-4	3				1	D
24-5	16					A
24-6		8				D/A
24-7	14	2				A
24-9				2		A
24-10			7			A
24-11		6	3			A
24-12		3		2		A
24-14		2			1	A
24-16	3	3	1			D/A
24-17	3	2				D
24-20	9	2				D
24-21	9		1			D
24-22			4			D
24-23	2		3			D
24-27	7					E
24-28	24					INST
24-80	23					INST
28-1		6	3			D/A
28-2	12	2				D
28-3			3			E
28-4	7	2				E/D
28-5	2	1		2		D
28-6				3		D
28-8	10	2				E/D/A
28-9	6	6				D
28-10		3	2	2		D/A

Dimensions in Inches (millimeters) are subject to change without notice.

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GLENAIR, INC. • 1211 AIR WAY • GLENDALE, CA 91201-2497 • 818-247-6000 • FAX 818-500-9912
www.glenair.com **G-2** E-Mail: sales@glenair.com

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Power and Signal Connectors
Insert Arrangements per MIL-STD-1651**



MIL-DTL-5015
Type

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Insert Arrangements						
Insert Arr.	Contact Size and Quantity					Service Rating
	16	12	8	4	0	
28-11	18	4				A
28-12	26					A
28-14	11					D
28-15	35					A
28-16	20					A
28-17	15					B/D/A
28-18	12					D/C/A/N
28-19	6	4				D/B/A/INST
28-20	4	10				A
28-21	37					A
28-22	3			3		D
32-1		3			2	E/D
32-2	2			3		E
32-3	4	2		2	1	D
32-4	12	2				D/A
32-5					2	D
32-6	16	2	3	2		A
32-7	28	7				INST/A
32-8	24	6				A
32-9	12			2		D
32-10	3		2	2		E/D/B/A
32-12	10	5				D/A
32-13	18	5				D
32-14		5		2		D
32-15		6			2	D
32-17				4		D
32-22	54					A
32-63				5		D
32-73	46					A
36-1	18	4				D
36-3		3			3	D
36-4					3	D/A
36-5					4	A
36-6				4	2	A
36-7	40	7				A
36-8	46	1				A
36-9	14	14	2	1		A
36-10	48					A
36-13	15	2				E/A
36-14	6	5	5			D
36-15	35					D/A
36-19	10	5		1	1	D

Insert Arrangements						
Insert Arr.	Contact Size and Quantity					Service Rating
	16	12	8	4	0	
36-52	52					A
36-66	52	4				A
40-1	24	6				D
40-2	23					D/B
40-3	18	4		1		D
40-4	16	2	3	2		D
40-5		6	4	2	3	A
40-6	24	1			1	D
40-7	18	2			2	D/A
40-9	24	22	1			A
40-10	16		9	4		A
40-11	18	4	1	1	1	D
40-56	85					A
40-62	60					A
44-1	36	6				D
44-2	14	14	2	1		D
44-3	24	3	2	2		D
44-4	31	8			2	D
44-52	104					A
48-1		6	4	2	3	E/D
48-2	46	1				E/D
48-3	18	1	3		3	D
48-4	47	16	3		2	D/A
48-62	85					D

Service Rating			
Class	Operating voltage Vdc	Operating voltage Vac RMS	Test voltage Vac RMS
INST	250V	200V	1000V
A	700V	500V	2000V
D	1250V	900V	2800V
E	1750V	1250V	3500V
B	2450V	1750V	4500V
C	4200V	3000V	7000V

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