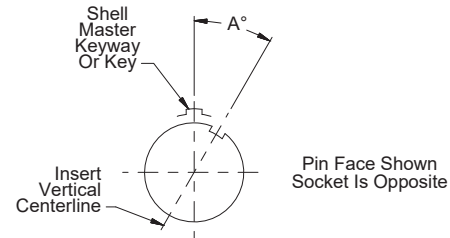
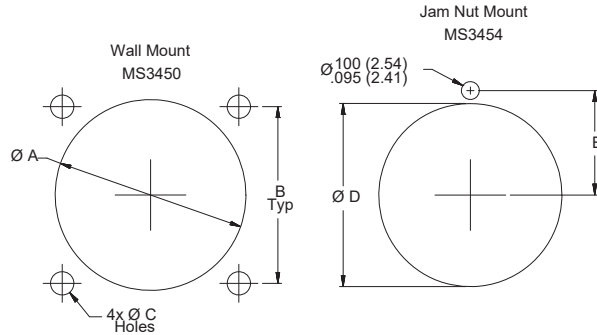


THREADED COUPLING, MIL-DTL-5015 TYPE Harsh Environment Power and Signal Interconnects



Pane Cutout Dimensions, Insert Arrangements and Insert Positions for MIL-DTL-5015 Series III Type Filter Connectors



MIL-DTL-5015 Series III Wall Mount Panel Cut-Outs				MIL-DTL-5015 Series III Jam Nut Panel Cut-Outs	
Shell Size	$\varnothing A$ $\pm .010 (.25)$	B Typ	$\varnothing C$ Holes	$\varnothing D$	E $\pm .005 (.13)$
8S	.562 (14.3)	.594 (15.1)	.130 (3.3) .115 (2.9)	.520 (13.2) .505 (12.8)	.323 (8.2)
10S, 10SL	.688 (17.5)	.719 (18.3)		.645 (16.4) .630 (16.0)	.385 (9.8)
12, 12S	.812 (20.6)	.812 (20.6)		.770 (19.6) .755 (19.2)	.448 (11.4)
14, 14S	.938 (23.8)	.906 (23.0)		.895 (22.7) .880 (22.4)	.510 (13.0)
16, 16S	1.062 (27.0)	.969 (24.6)		1.020 (25.9) 1.005 (25.5)	.573 (14.6)
18	1.188 (30.2)	1.062 (27.0)		1.145 (29.1) 1.130 (28.7)	.635 (16.1)
20	1.312 (33.3)	1.156 (29.4)		1.270 (32.3) 1.255 (31.9)	.698 (17.7)
22	1.438 (36.5)	1.250 (31.8)		1.395 (35.4) 1.380 (35.1)	.760 (19.3)
24	1.562 (39.7)	1.375 (34.9)		1.520 (38.6) 1.505 (38.2)	.823 (20.9)
28	1.812 (46.0)	1.562 (39.7)		1.770 (45.0) 1.755 (44.6)	.948 (24.1)
32	2.062 (52.4)	1.750 (44.5)	.157 (4.0) .142 (3.6) .183 (4.6) .168 (4.3)	2.020 (51.3) 2.005 (50.9)	1.073 (27.3)
36	2.312 (58.7)	1.938 (49.2)		2.270 (57.7) 2.255 (57.3)	1.198 (30.4)
40	2.562 (65.1)	2.188 (55.6)		2.520 (64.0) 2.505 (63.6)	1.323 (33.6)

MIL-STD-1651 INSERT ARRANGEMENTS AND INSERT POSITIONS						
Insert Arrg.	Contacts		A° Insert Positions			
	Qty	Size	N°	W°	X°	Y°
8S-1	1	16	0°	-	-	-
10S-2	1	16	0°	-	-	-
10SL-3	3	16	0°	-	-	-
10SL-4	2	16	0°	-	-	-
12-5	1	12	0°	-	-	-
12S-3	2	16	0°	70°	145°	215°
12S-4	1	16	0°	-	-	-
14-3	1	8	0°	-	-	-
14S-2	4	16	0°	-	120°	240°
14S-5	5	16	0°	-	110°	-
14S-6	6	16	0°	-	-	-
14S-7	3	16	0°	90°	180°	270°
16-2	1	12	0°	-	-	-
16-7	2	16	0°	80°	110°	250°
16-9	2	16	0°	35°	110°	250°
16-10	3	12	0°	90°	180°	270°
16-11	2	12	0°	35°	110°	250°
16-12	1	4	0°	-	-	-
16S-1	7	16	0°	80°	-	-
16S-3	1	16	0°	-	-	-
16S-4	2	16	0°	35°	110°	250°
16S-8	5	16	0°	-	170°	265°
18-1	10	16	0°	70°	145°	215°
18-4	4	16	0°	35°	110°	250°
18-5	1	16	0°	80°	110°	250°
18-6	1	4	0°	-	-	-
18-7	1	8	0°	-	-	-
18-8	7	16	0°	70°	-	-
18-9	5	16	0°	80°	110°	250°
18-11	5	12	0°	-	170°	265°

THREADED COUPLING, MIL-DTL-5015 TYPE Harsh Environment Power and Signal Interconnects



Insert Arrangements and Insert Positions for MIL-DTL-5015 Series III Type Filter Connectors

FILTER CONNECTORS

MIL-STD-1651 INSERT ARRANGEMENTS AND INSERT POSITIONS							
Insert Arrg.	Contacts		A° Insert Positions				
	Qty	Size	N°	W°	X°	Y°	Z°
18-12	6	16	0°	80°	-	-	280°
20-2	1	0	0°	-	-	-	-
20-4	4	12	0°	45°	110°	250°	-
20-7	8	16	0°	80°	110°	250°	280°
20-8	4	16	0°	80°	110°	250°	280°
	2	8					
20-9	7	16	0°	80°	110°	250°	280°
	1	12					
20-14	3	12	0°	80°	110°	250°	280°
	2	8					
20-15	7	12	0°	80°	-	-	280°
20-16	7	16	0°	80°	110°	250°	280°
	2	12					
20-17	1	16	0°	90°	180°	270°	-
	5	12					
20-18	6	16	0°	35°	110°	250°	325°
	3	12					
20-21	8	16	0°	35°	110°	250°	325°
	1	12					
20-22	3	16	0°	80°	110°	250°	280°
	3	8					
20-27	14	16	0°	35°	110°	250°	325°
20-29	17	16	0°	80°	-	-	280°
20-33	11	16	0°	-	-	-	-
22-2	3	8	0°	70°	145°	215°	290°
22-5	4	16	0°	35°	110°	250°	325°
	2	12					
22-7	1	0	0°	-	-	-	-
22-9	3	12	0°	70°	145°	215°	290°
22-10	4	16	0°	35°	110°	250°	325°
22-11	2	16	0°	35°	110°	250°	325°
22-12	3	16	0°	80°	110°	250°	280°
	2	8					
22-13	1	16	0°	35°	110°	250°	325°
	4	12					
22-14	19	16	0°	80°	110°	250°	280°
22-15	1	16	0°	80°	110°	250°	280°
	5	12					
22-17	8	16	0°	80°	110°	250°	280°
	1	12					
22-18	8	16	0°	80°	110°	250°	280°
22-19	14	16	0°	80°	110°	250°	280°
22-21	2	16	0°	80°	110°	250°	280°
	1	0					
22-22	4	8	0°	-	110°	250°	-
22-23	8	12	0°	35°	-	250°	-

MIL-STD-1651 INSERT ARRANGEMENTS AND INSERT POSITIONS							
Insert Arrg.	Contacts		A° Insert Positions				
	Qty	Size	N°	W°	X°	Y°	Z°
22-27	1	8	0°	80°	-	250°	280°
	8	16					
24-2	7	12	0°	80°	-	-	280°
24-4	3	16	0°	80°	110°	250°	280°
	1	0					
24-6	8	12	0°	80°	110°	250°	280°
24-7	14	16	0°	80°	110°	250°	280°
	2	12					
24-9	2	4	0°	35°	110°	250°	325°
24-10	7	8	0°	80°	-	-	280°
24-11	6	12	0°	35°	110°	250°	325°
	3	8					
24-12	3	12	0°	80°	110°	250°	280°
	2	4					
24-16	3	16	0°	80°	110°	250°	280°
	3	12					
	1	8					
24-20	9	16	0°	80°	110°	250°	280°
	2	12					
24-21	9	16	0°	80°	110°	250°	280°
	1	8					
24-22	4	8	0°	45°	110°	250°	-
24-27	7	16	0°	80°	-	-	280°
24-28	24	16	0°	80°	110°	250°	280°
28-1	6	12	0°	80°	110°	250°	280°
	3	8					
28-2	12	16	0°	35°	110°	250°	325°
	2	12					
28-3	3	8	0°	70°	145°	215°	290°
28-4	7	16	0°	80°	110°	250°	280°
	2	12					
28-5	2	16	0°	35°	110°	250°	325°
	1	12					
	2	4					
28-8	10	16	0°	80°	110°	250°	280°
	2	12					
28-9	6	16	0°	80°	110°	250°	280°
	6	12					
28-10	3	12	0°	80°	110°	250°	280°
	2	8					
	2	4					
28-11	18	16	0°	80°	110°	250°	280°
	4	12					
28-12	26	16	0°	90°	180°	270°	-
28-17	15	16	0°	80°	110°	250°	280°
28-18	12	16	0°	70°	145°	215°	290°

VISIT CATALOG

THREADED COUPLING, MIL-DTL-5015 TYPE Harsh Environment Power and Signal Interconnects



Insert Arrangements and Insert Positions for MIL-DTL-5015 Series III Type Filter Connectors

FILTER CONNECTORS

VISIT CATALOG

MIL-STD-1651 INSERT ARRANGEMENTS AND INSERT POSITIONS							
Insert Arrg.	Contacts		A° Insert Positions				
	Qty	Size	N°	W°	X°	Y°	Z°
28-19	6	16	0°	80°	110°	250°	280°
	4	12					
28-20	4	16	0°	80°	110°	250°	280°
	10	12					
28-21	37	16	0°	80°	110°	250°	280°
28-22	3	16	0°	70°	145°	215°	290°
	3	4					
32-1	3	12	0°	80°	110°	250°	280°
	2	0					
32-2	2	16	0°	80°	110°	250°	280°
	3	4					
32-3	4	16	0°	80°	110°	250°	280°
	2	12					
	2	4					
	1	0					
32-6	16	16	0°	80°	110°	250°	280°
	2	12					
	3	8					
	2	4					
32-7	28	16	0°	80°	125°	235°	280°
	7	12					
32-9	12	16	0°	80°	110°	250°	280°
	2	4					
32-13	18	16	0°	80°	110°	250°	280°
	5	12					
32-15	6	12	0°	35°	110°	250°	280°
	2	0					
32-17	4	4	0°	45°	110°	250°	-
32-22	54	16	0°	80°	110°	250°	280°
32-63	5	4	0°	-	-	-	-
32-73	46	16	0°	36°	-	-	-
36-3	3	12	0°	70°	145°	215°	290°
	3	0					
36-5	4	0	0°	-	120°	240°	-
36-6	4	4	0°	35°	110°	250°	325°
	2	0					
36-7	40	16	0°	80°	110°	250°	280°
	7	12					
36-8	46	16	0°	80°	110°	250°	280°
	1	12					
36-9	14	16	0°	80°	125°	235°	280°
	14	12					
	2	8					
	1	4					
36-10	48	16	0°	80°	125°	235°	280°
36-15	35	16	0°	60°	125°	245°	305°

MIL-STD-1651 INSERT ARRANGEMENTS AND INSERT POSITIONS							
Insert Arrg.	Contacts		A° Insert Positions				
	Qty	Size	N°	W°	X°	Y°	Z°
36-52	52	16	0°	72°	144°	216°	288°
36-66	52	16	0°	80°	110°	250°	280°
	4	12					
40-1	24	16	0°	65°	130°	235°	300°
	6	12					
40-2	23	16	0°	80°	110°	250°	280°
40-3	18	16	0°	80°	110°	250°	280°
	4	12					
	1	4					
40-4	16	16	0°	80°	110°	250°	280°
	2	12					
	3	8					
	2	4					
40-5	6	12	0°	80°	110°	250°	280°
	4	8					
	2	4					
	3	0					
40-6	24	16	0°	80°	110°	250°	280°
	1	12					
	1	0					
40-7	18	16	0°	80°	110°	250°	280°
	2	12					
	2	0					
40-9	24	16	0°	65°	125°	225°	310°
	22	12					
	1	8					
40-10	16	16	0°	65°	125°	225°	310°
	9	8					
	4	4					
40-11	18	16	0°	65°	125°	225°	310°
	4	12					
	1	8					
	1	4					
	1	0					
40-56	85	16	0°	72°	144°	216°	288°