



INTRO CORPORATION

Integrity, Value and Quality since 1976

MIL-DTL-38999 SERIES I ORDERING GUIDE



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MIL-DTL-38999 SERIES I

Connector, Electrical, Scoop Proof, Bayonet Coupling

PART NUMBER CODING

MS 27467 T 13 B 35 P A

Shell Type
 MS27466= Front Wall Mount Receptacle
 MS27467= RFI Gounding Plug
 MS27468= Jam Nut Receptacle
 MS27496= Front Box Mount Receptacle
 MS27505= Rear Box Mount Receptacle
 MS27656= Rear Wall Mount Receptacle

Class
 T= With ACC Thread
 (MS27466/MS27467/MS27468/MS27656)
 E= Same as T but not active for new design

Shell Size
 9, 11, 13, 15, 17, 19, 21, 23, 25

Finish and Materials
 A= Aluminum Shell, Bright Cadmium, over Nickel
 B= Aluminum Shell, Olive Drab over Nickel
 F= Aluminum Shell, Electroless Nickel
 S= Passivated Stainless Steel Shell

Contact Style
 P= Pin
 S= Socket
 A= Pin Connector Less Contacts
 B= Socket Connector Less Contacts

Polarization
 N= Normal (not used in part number)
 A
 B
 C
 D

Insert Arrangements

SHELL SIZE	INSERT LAYOUT	SHELL SIZE	INSERT LAYOUT
9	9-6	19	19-11
	9-35		19-28
	9-98		19-30
11	11-2		19-32
	11-4		19-35
	11-5		19-66
	11-13	21	21-1
	11-35		21-11
	11-98	11	21-16
	11-99		21-35
	11-99		21-39
13	13-4		21-41
	13-8		21-48
	13-22		21-75
	13-35	23	23-1
	13-98		23-2
15	15-5		23-21
	15-15		23-32
	15-18		23-35
	15-19		23-53
	15-35		23-55
	15-37	25	25-1
	15-97		25-4
	15-97		25-19
17	17-6		25-24
	17-8		25-29
	17-26		25-35
	17-35		25-43
	17-55		25-46
	17-99		25-61



MIL-DTL-38999 SERIES I INSERT ARRANGEMENTS

SHELL SIZE	INSERT LAYOUT	CONTACT GAUGE
9	9-6	6 #22M
	9-35	6 #22D
	9-98	3 #20
11	11-2	2 #16
	11-4	4 #20
	11-5	5 #20
	11-13	13 #22M
	11-35	13 #22D
	11-98	6 #20
	11-99	7 #20
13	13-4	4 #16
	13-8	8 #20
	13-22	22 #22M
	13-35	22 #22D
	13-98	10 #20
15	15-5	5 #16
	15-15	14 #20 1 #16
	15-18	18 #20
	15-19	19 #20
	15-35	37 #22D
	15-37	37 #22M
	15-97	8 #20 4 #16
17	17-6	6 #12
	17-8	8 #16
	17-26	26 #20
	17-35	55 #22D
	17-55	55 #22M
	17-99	21 #20 2 #16

SHELL SIZE	INSERT LAYOUT	CONTACT GAUGE
19	19-11	11 #16
	19-28	26 #20 2 #16
	19-30	29 #20 1 #16
	19-32	32 #20
	19-35	66 #22D
	19-66	66 #22M
21	21-1	79 #22M
	21-11	11 #12
	21-16	21 #16
11	21-35	79 #22D
	21-39	37 #20 2 #16
	21-41	41 #20
	21-48	4 #8
	21-75	4 #8
23	23-1	100 #22M
	23-2	85 #22
	23-21	21 #16
	23-32	32 #20
	23-35	100 #22D
	23-53	53 #20
	23-55	55 #20
25	25-1	128 #22M
	25-4	48 #20 8 #16
	25-19	19 #12
	25-24	12 #16 12 #12
	25-29	29 #16
	25-35	128 #22D
	25-43	23 #20 20 #16
	25-46	40 #20 4 #16
	25-61	61 #20



MIL-DTL-38999 SERIES I CONTACTS, SEALING PLUGS AND INSERTION REMOVAL TOOLS						
Contact Size	Pin Contact	Socket Contact	Basic Crimp Tool	Pin Positioner	Socket Positioner	Insert/Remove Tool
22D	M39029/58-360	M39029/56-348	M22520/2-01	M22520/2-09	M22520/2-07	M81969/14-01
22M	M39029/58-361	M39029/56-349	M22520/2-01	M22520/2-09	M22520/2-07	M81969/14-01
22	M39029/58-362	M39029/56-350	M22520/2-01	M22520/2-09	M22520/2-07	M81969/14-01
20	M39029/58-363	M39029/56-351	M22520/1-01 M22520/2-01	M22520/1-04 RED M22520/2-10	M22520/1-04 RED M22520/2-10	M81969/14-10
16	M39029/58-364	M39029/56-352	M22520/1-01	M22520/1-04 BLUE	M22520/1-04 BLUE	M81969/14-03
12	M39029/58-365	M39029/56-353	M22520/1-01	M22520/1-04 YELLOW	M22520/1-04 YELLOW	M81969/14-04

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