



INTRO CORPORATION

Integrity, Value and Quality since 1976

MIL-DTL-38999 SERIES II ORDERING GUIDE



MIL-DTL-38999 SERIES II
*Connector, Electrical, Non-Scoop-Proof,
Bayonet Coupling, Low Silhouette*

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MIL-DTL-38999 SERIES II

Connector, Electrical, Non-Scoop-Proof, Bayonet Coupling, Low Silhouette

PART NUMBER CODING

MS 27472 T 14 B 35 P A

Shell Type

MS27472= Front Wall Mount Receptacle
 MS27473= Straight Plug
 MS27474= Jam Nut Receptacle
 MS27484= RFI Grounding Plug
 MS27497= Rear Wall Mount Receptacle
 MS27499= Front Box Mount Receptacle
 MS27500= Standard plug with 90 degree clamp
 MS27508= Rear Box Mounted Receptacle
 MS27513= Front Box Mount Rec(long grommet)

Class

T= With Accessory Thread
 (MS27472/MS27473/MS27474/MS27484/MS27497)
 E= Same as T plus E-Nut
 P= Supplied with ring and potting boot

Shell Size

8, 10, 12, 14, 16, 18, 20, 22, 24

Finish and Materials

A= Aluminum Shell, Bright Cadmium, over Nickel
 B= Aluminum Shell, Olive Drab over Nickel
 C= Aluminum Shell, Black Anodized
 F= Aluminum Shell, Electroless Nickel
 E= 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	CONTACT GAUGE	SHELL SIZE	INSERT LAYOUT	CONTACT GAUGE
8	8-6	6 #22M	18	18-11	11 #16
	8-35	6 #22D		18-28	26 #20
	8-98	3 #20			2 #16
10	10-5	5 #20		18-30	29 #20
	10-13	13 #22M			1 #16
	10-35	13 #22D		18-32	32 #20
	10-98	6 #20		18-35	66 #22D
	10-99	7 #20		18-53	53 #22
				18-66	66 #22M
12	12-3	3 #16	20	20-1	79 #22M
	12-4	4 #16		20-16	21 #16
	12-8	8 #20		20-35	79 #22D
	12-22	22 #22M		20-39	37 #20
	12-35	22 #22D			2816
	12-48	10 #20		20-41	41 #20
14	14-5	5 #16	22	22-1	100 #22M
	14-15	14 #20		22-2	85 #22
	14-18	18 #20		22-21	21 #16
	14-35	37 #22D		22-32	32 #20
	14-37	37 #22M		22-35	100 #22D
	14-97	8 #20	24	24-1	128 #22M
		4 #16		24-4	48 #20
16	16-6	6 #12			8 #16
	16-8	8 #16		24-19	19 #12
	16-26	26 #20			12 #16
	16-35	55 #22D		24-24	12 #12
	16-55	55 #22M		24-29	29 #16
	16-99	21 #20		24-35	128 #22D
		2 #16		24-61	61 #20



MIL-DTL-38999 SERIES II INSERT ARRANGEMENTS

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

SHELL SIZE	INSERT LAYOUT	CONTACT GAUGE
18	18-11	11 #16
	18-28	26 #20 2 #16
	18-30	29 #20 1 #16
	18-32	32 #20
	18-35	66 #22D
	18-53	53 #22
20	20-1	79 #22M
	20-16	21 #16
	20-35	79 #22D
	20-39	37 #20 2 #16
	20-41	41 #20
	20-66	66 #22M
22	22-1	100 #22M
	22-2	85 #22
	22-21	21 #16
	22-32	32 #20
	22-35	100 #22D
	22-53	53 #20
	22-55	55 #20
24	24-1	128 #22M
	24-4	48 #20 8 #16
	24-19	19 #12
	24-24	12 #16 12 #12
	24-29	29 #16
	24-35	128 #22D
	24-61	61 #20



MIL-DTL-38999 SERIES II 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	M39029/57-354	M22520/2-01	M22520/2-09	M22520/2-06	M81969/14-01
22M	M39029/58-361	M39029/57-355	M22520/2-01	M22520/2-09	M22520/2-06	M81969/14-01
22	M39029/58-362	M39029/57-356	M22520/2-01	M22520/2-09	M22520/2-06	M81969/14-01
20	M39029/58-363	M39029/57-357	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	M39029/57-358	M22520/1-01	M22520/1-04 BLUE	M22520/1-04 BLUE	M81969/14-03
12	M39029/58-365	M39029/57-359	M22520/1-01	M22520/1-04 YELLOW	M22520/1-04 YELLOW	M81969/14-04

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