



# Allen Electric Connector Sales, Inc.



## MIL-DTL-38999 CONTACTS, TOOLING, WIRE SIZES & SEALING PLUGS

### MIL-C-38999 CONTACTS AND TOOLING

CONTACT SIZE	MIL-C-39029/CONTACTS	P/S	WIRE RANGE	WIRE BARREL	MATING END	M22520/CRIMP TOOL	M22520/POSITIONER	PLASTIC TOOLS INSERT/REMOVAL
SERIES I & II SIZE 22D	58-360	P	22-28	22D	22	2-01	2-07	M81969/14-01 GREEN/WHITE
	56-348	S						
SERIES I & III	56-363	P	20-24	20	20	1-01 2-01	1-04 2-10	M81969/14-02 RED/WHITE
	56-351	S						
SERIES I & III SIZE 16	58-364	P	16-20	16	16	1-01	1-04	M81969/14-03 BLUE/WHITE
	56-352	S						
SERIES I & III SIZE 12	58-353	P	12-14	12	12	1-01	1-04	M81969/14-04 YELLOW/WHITE
	56-353	S						
SERIES II SIZE 22D	58-360	P	22-28	22D	22	2-01	2-06	M81969/14-01 GREEN/WHITE
	57-354	S						
SERIES II SIZE 20	58-363	P	20-24	20	20	1-01 2-01	1-04 2-10	M81969/14-02 RED/WHITE
	57-357	S						
SERIES II SIZE 16	58-364	P	16-20	16	16	1-01	1-04	M81969/14-03 BLUE/WHITE
	57-354	S						
SERIES II SIZE 12	58-365	P	12-14	12	12	1-01	1-04	M81969/14-04 YELLOW/WHITE
	57-359	S						

### SEALING PLUGS

CONTACT SIZE	MILITARY PART NUMBER	COLOR KEY
12	MS27488-12	YELLOW
16	MS27488-16	BLUE
20	MS27488-20	RED
22D	MS27488-22	BLACK

# WIRE SIZES AND DIAMETERS

SERIES I, II, III		FINISHED WIRE DIMENSIONS	
CONTACT SIZE	WIRE SIZE (AWG)	MIN	MAX
22D	28, 26, 24, 22	0.76 mm .030 in	1.37 mm .054 in
20	24, 22, 20	1.02 mm .040 in	2.11 mm .083 in
16	20, 18, 16	1.65 mm .065 in	2.77 mm 1.09 in
12	14, 12	2.46 mm .097 in	3.61 mm 1.42 in

## PIN CONTACTS

SERIES I, II, III	
PIN SIZE	M39029/ PART#
22D	58-360
20	58-363
16	58-364
12	58-365

## SOCKET CONTACTS

SERIES I, III					SERIES II
SOCKET SIZE	WIRE SIZE (AWG)	WILL ACCEPT DIA.	SOCKET LENGTH	M39029/ PART#	M39029/ PART#
22D	28-22	.775 mm .0305 in	21.72 mm .855 in	56-348	57-354
20	24-20	1.02 mm .040 in	21.72 mm .855 in	56-351	57-357
16	20-16	1.588 mm .0625 in	21.72 mm .855 in	56-352	57-358
12	14-12	2.39 mm .094 in	21.72 mm .855 in	56-353	57-359

For pricing and availability, please fill out our RFQ form



If you need any other information, please [E-Mail aecs@aecsinc.com](mailto:aecs@aecsinc.com)



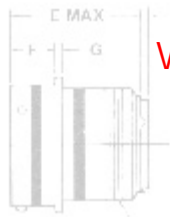
phone (703) 425-3815 fax (703) 425-3814

We look forward to hearing from you!



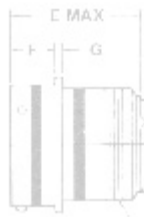
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MAX PANEL



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MAX PANEL

SHELL	A	B	C	D	E	F	G	H	J
5177	MAX	$\pm 0.005$	$\pm 0.005$	$\pm 0.005$	MAX	$-0.01$	$+0.10$	MAX	TH-HEAD 2A
101	95.4	7.9	5.85	1.20	1.275	4.46	0.52	0.87	5/8-24 UNF-2A