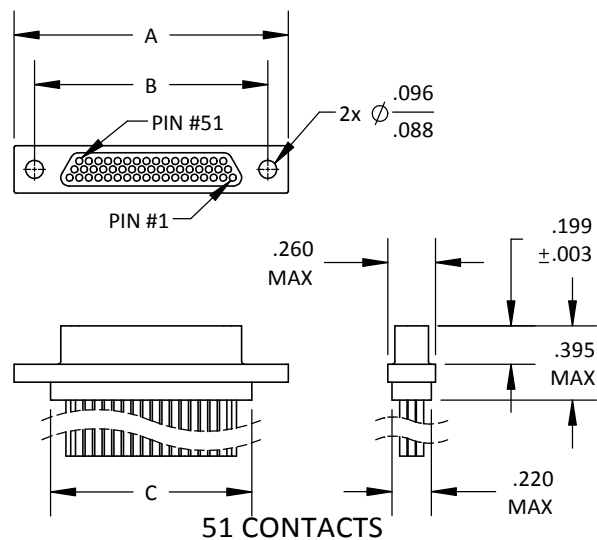
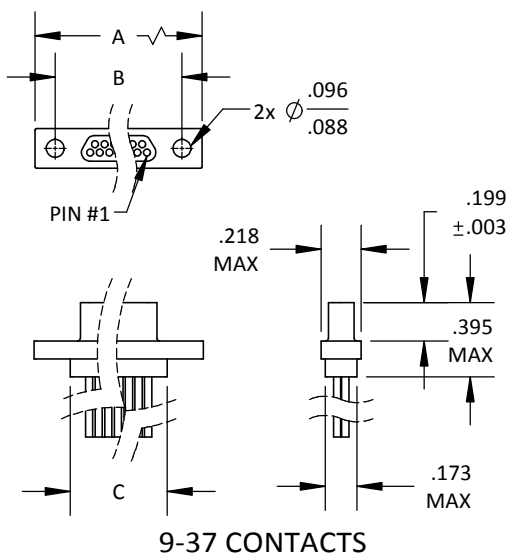
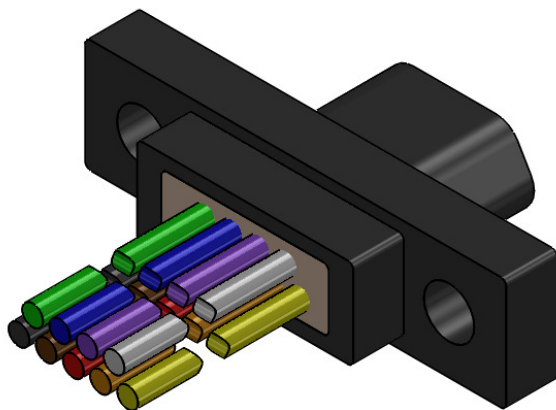
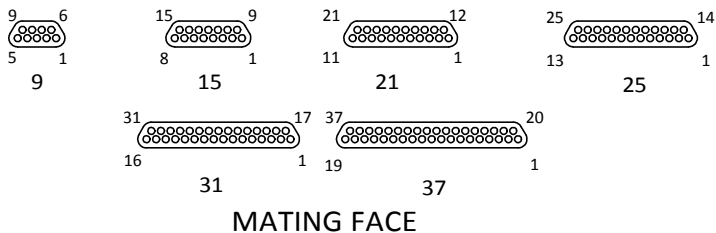


# MICROMINIATURE D PLASTIC SHELL PLUG, CRIMPED-PREWIRED

NO. OF CONTACTS	A MAX	B BSC	C MAX
9	.785	.565	.400
15	.935	.715	.550
21	1.085	.865	.700
25	1.185	.965	.800
31	1.335	1.115	.950
37	1.485	1.265	1.100
51	1.435	1.215	1.050



TOLERANCE: .XXX ±.005  
.XX ±.01  
ANGLE ±1°

TITLE  
MICROMINIATURE D PLASTIC SHELL  
PLUG, CRIMPED-PREWIRED

SHT 1 OF 2

DWG. NO.  
M83513/08

REV  
G



MICROMINIATURE D PLASTIC SHELL  
PLUG, CRIMPED-PREWIRED

WIRE OPTIONS TABULATION BLOCK						
LENGTH	+1.00 -0.00			+200 -.000		WIRE TYPE
	18"	36"	72"	.5"	1.0"	
DASH NUMBER	01	02	13	/	/	M22759/11-26-9 (ALL WHITE)
	03	04	14	/	/	M22759/11-26-*** COLOR CODE PER M83513
	09	10	15	/	/	M22759/33-26-9 (ALL WHITE)
	11	12	16	/	/	M22759/33-26-*** COLOR CODE PER M83513
	/	/	/	05	/	QQ-W-343, TYPE S 25 AWG GOLD PLATE .000010" MIN
	/	/	/	/	06	QQ-W-343, TYPE S 25 AWG GOLD PLATE .000010" MIN
	/	/	/	/	07	QQ-W-343, TYPE S 25 AWG TIN/LEAD PLATE .000100" MIN
	/	/	/	/	08	QQ-W-343, TYPE S 25 AWG TIN/LEAD PLATE .000100" MIN

**CIM 08 - X XX**

CRISTEK'S P/N EQUIVALENT  
TO M83513 MIL SPEC.

PLUG, CLASS P, CRIMPED  
PRE-WIRED NON REMOVABLE PIN CONTACTS

NUMBER OF CONTACTS  
A = 9    D = 25    G = 51  
B = 15    E = 31  
C = 21    F = 37

WIRE OPTION  
SEE TABULATION BLOCK

MATERIALS AND FINISHES ARE IAQ MIL-DTL-83513  
FOR DETAILS SEE MIL SPEC OR WWW.CRISTEK.COM

1. MATERIALS:  
ONE PIECE SHELL/INSULATOR - GLASS FILLED THERMOPLASTIC  
PIN CONTACT - COPPER ALLOY  
WIRE - SEE TABULATION BLOCK

2. FINISH:  
PIN CONTACT - COPPER ALLOY

3. SPECIFICATIONS:  
CURRENT RATING ----- 3 AMPS MAX  
TEMPERATURE RATING ----- -55° C TO +125° C  
INSULATION RESISTANCE ----- 5000 MEGOHMS MIN  
DWV AT SEA LEVEL ----- 600 VAC  
DWV AT 70,000 FT ALTITUDE ---- 150 VAC  
CONTACT RESISTANCE :  
    26 AWG (STRANDED) = 28 MILLIOHMS MAX  
    24 & 25 AWG (SOLID) = 25 MILLIOHMS MAX  
CONTACT RETENTION ----- 5 lb MINIMUM AXIAL LOAD  
ENGAGEMENT FORCE ----- 6 oz MAX  
SEPARATION FORCE ----- 0.5 oz MIN

4. ADDITIONAL INFORMATION:  
FOR CROSS-REFERENCING CRISTEK PART  
NUMBERS TO M83513, SEE CROSS REFERENCE  
INFORMATION IN THE FRONT OF THIS SECTION.  
FOR MOUNTING HARDWARE OPTIONS, SEE THE  
HARDWARE PAGES AT THE END OF THIS SECTION

TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°	TITLE MICROMINIATURE D PLASTIC SHELL PLUG, CRIMPED-PREWIRED	SHT 2 OF 2	DWG. NO. M83513/08	REV G
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