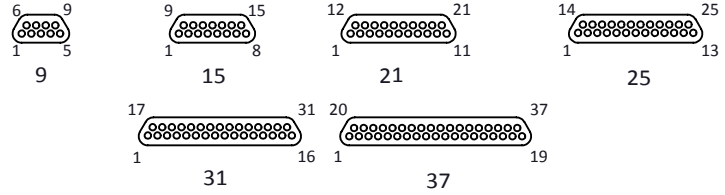
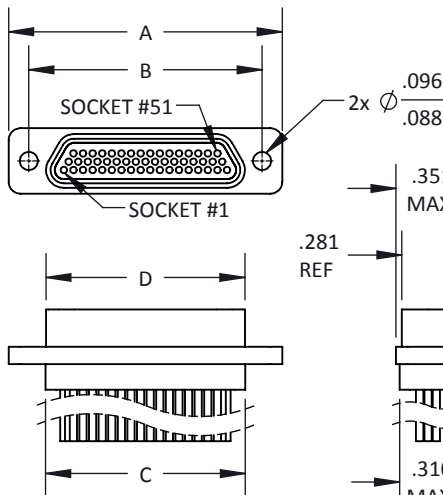
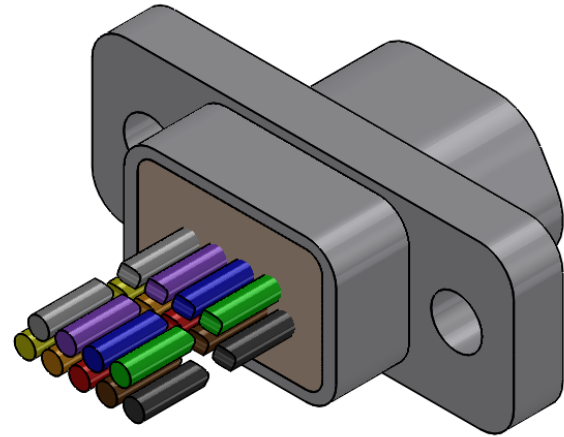


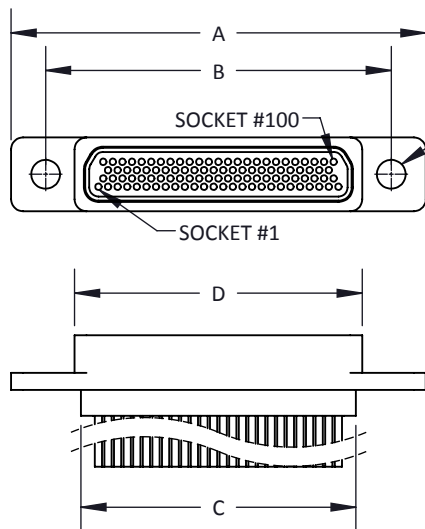
NO. OF CONTACTS	A MAX	B BSC	C MAX	D MAX
9	.785	.565	.400	.402
15	.935	.715	.550	.552
21	1.085	.865	.700	.702
25	1.185	.965	.800	.802
31	1.335	1.115	.950	.952
37	1.485	1.265	1.100	1.102
51	1.435	1.215	1.050	1.052
100	2.170	1.800	1.442	1.508



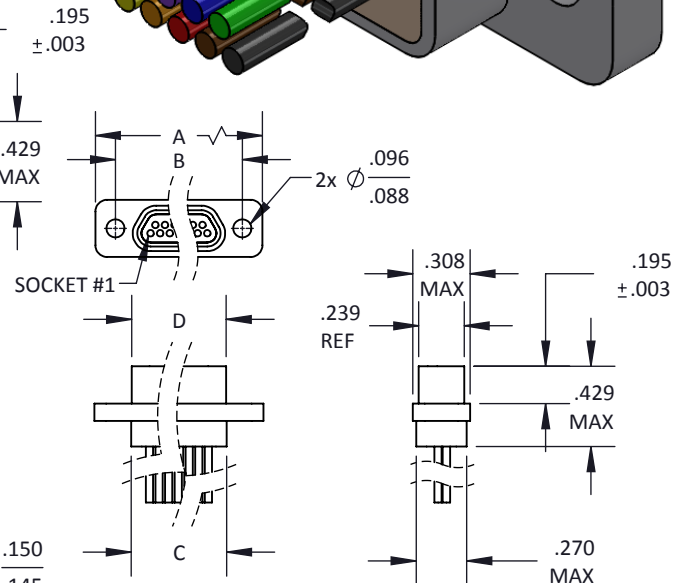
MATING FACE



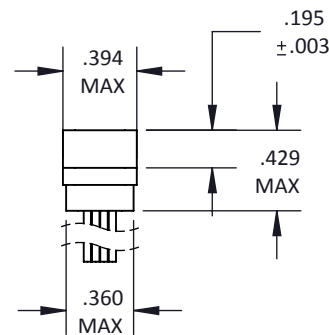
51 CONTACTS



100 CONTACTS



9-37 CONTACTS



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

TITLE  
MICROMINIATURE D METAL SHELL RECEPTACLE, CRIMPED-PREWIRED

SHT 1 OF 2

DWG. NO.  
M83513/04

REV  
H



MICROMINIATURE D METAL SHELL RECEPTACLE, 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 04 - X XX X

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

RECEPTACLE, CLASS M, CRIMPED PRE-WIRED NON-REMOVABLE SOCKET CONTACTS

NUMBER OF CONTACTS  
 A = 9 D = 25 G = 51  
 B = 15 E = 31 H = 100  
 C = 21 F = 37

WIRE OPTIONS SEE TABULATION BLOCK

SHELL FINISH  
 C = CADMIUM  
 N = NICKEL

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

1. MATERIALS:

- SHELL - ALUMINUM ALLOY
- INSULATOR - GLASS FILLED THERMOPLASTIC
- SOCKET CONTACT - COPPER ALLOY
- INTERFACE SEAL - FLUOROSILICONE BLEND

2. FINISH:

- SHELL - ELECTROLESS NICKEL OR CADMIUM OVER ELECTROLESS NICKEL
- SOCKET CONTACT - GOLD OVER NICKEL

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 ----- 8 MILLIOHMS MAX AT 2.5 AMPS
- 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 METAL SHELL RECEPTACLE, CRIMPED-PREWIRED	SHT 2 OF 2	DWG. NO. M83513/04	REV H
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