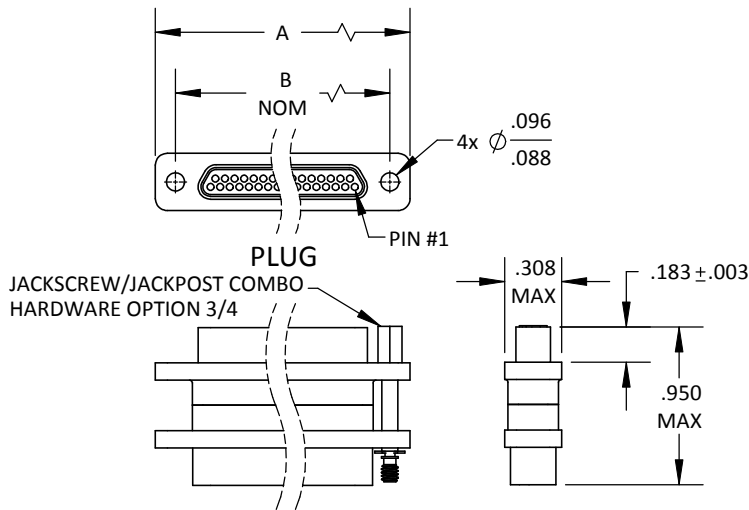
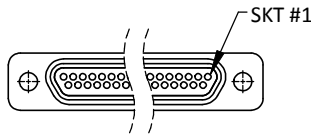


NO. OF CONTACTS	A MAX	B
9	.785	.565
15	.935	.715
21	1.085	.865
25	1.185	.965
31	1.335	1.115
37	1.485	1.265
51	1.435	1.215
69	1.735	1.515

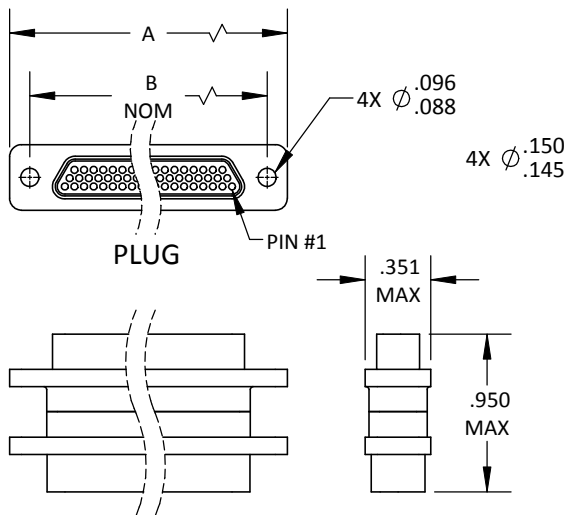
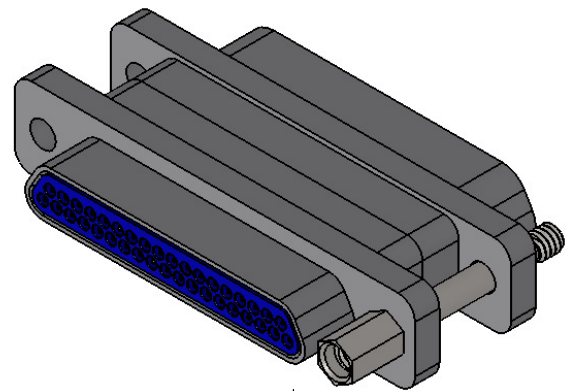


PLUG

RECEPTACLE

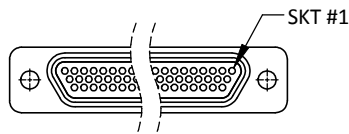


9-37 CONTACTS

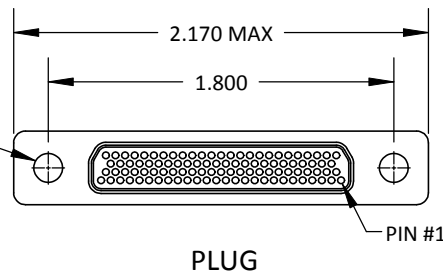


PLUG

RECEPTACLE

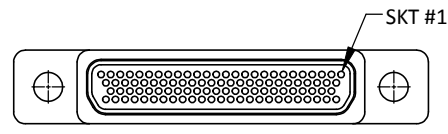


51 & 69 CONTACTS



PLUG

RECEPTACLE



100 CONTACTS

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

TITLE

**MICRO-D METAL SHELL
CONNECTOR SAVER**

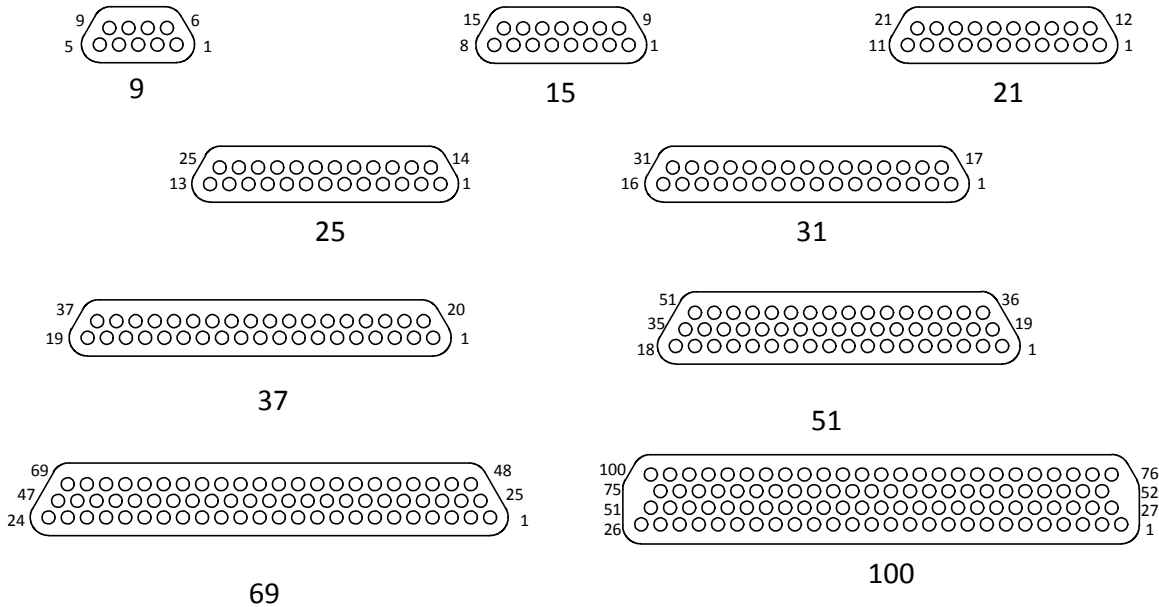
SHT 1 OF 2

DWG. NO.

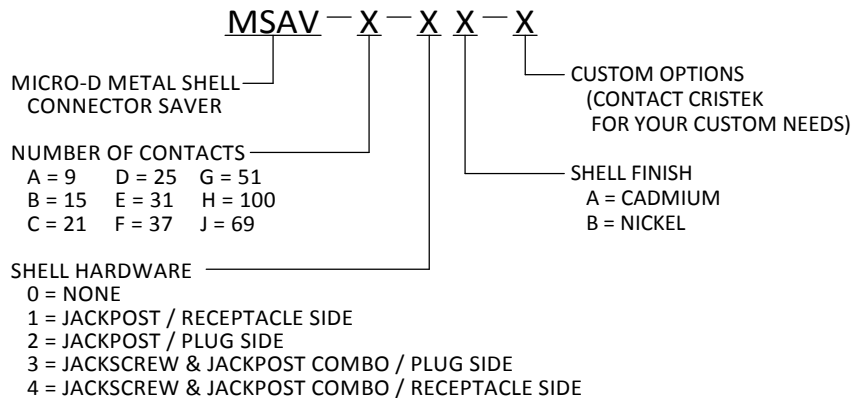
MSAV

REV

F



**MATING FACE PLUG
MIRROR IMAGE FOR RECEPTACLE**



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

1. MATERIALS:

SHELL - ALUMINUM ALLOY
INSULATOR - GLASS FILLED THERMOPLASTIC
PIN/SOCKET CONTACT - COPPER ALLOY
INTERFACIAL SEAL - FLUOROSILICONE BLEND

2. FINISH:

SHELL - ELECTROLESS NICKEL OR CADMIUM
OVER ELECTROLESS NICKEL
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
LOW LEVEL CONTACT ----- 10 MILLIOHMS MAX
RESISTANCE
CONTACT RETENTION ----- 5 lb MINIMUM AXIAL LOAD
ENGAGEMENT FORCE ----- 6 oz MAX
SEPARATION FORCE ----- 0.5 oz MIN

4. ADDITIONAL INFORMATION:

DESIGN AND PERFORMANCE IN GENERAL
ACCORDANCE WITH M83513.

TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°	TITLE MICRO-D METAL SHELL CONNECTOR SAVER	SHT 2 OF 2	DWG. NO. MSAV	REV F
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