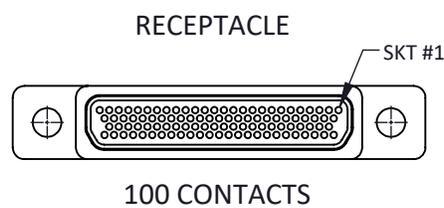
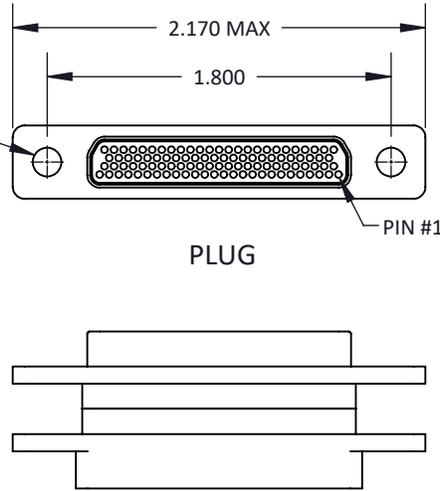
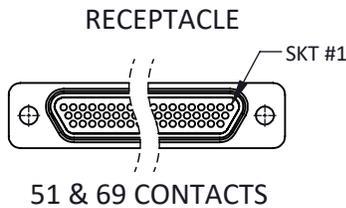
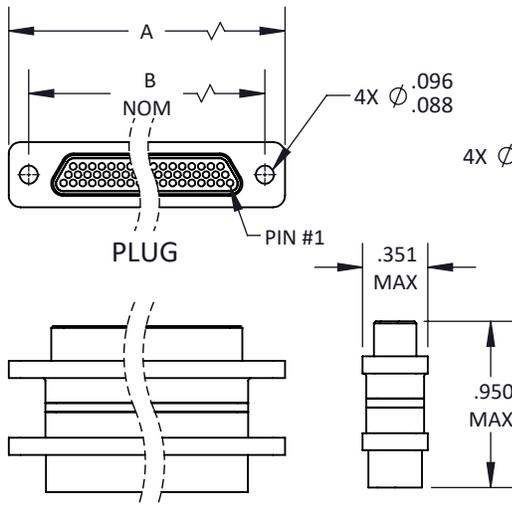
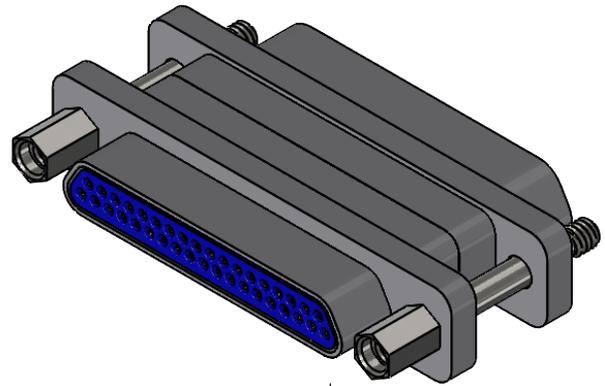
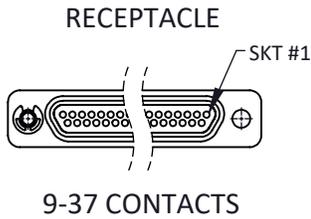
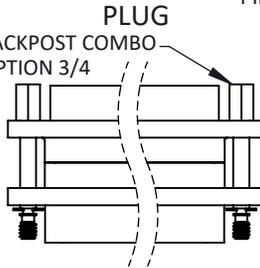
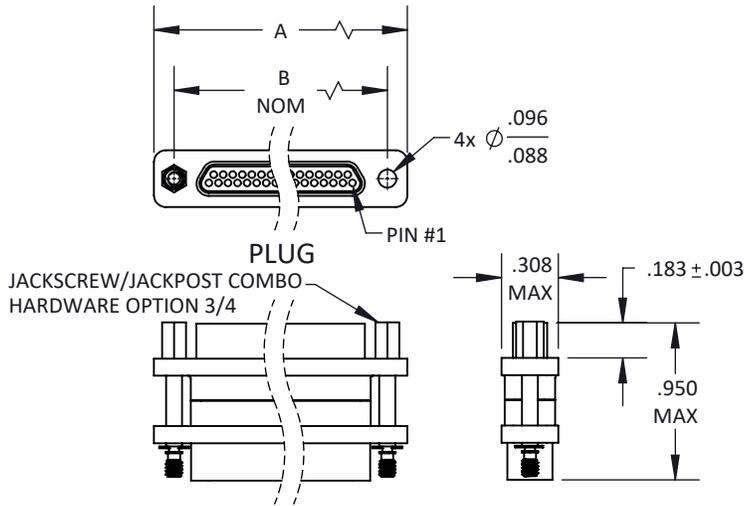


NO. OF CONTACTS	A MAX	B
9	.785	.565
15	.935	.715
21	1.085	.865
25	1.185	.965
31	1.335	1.115
37	1.485	1.265
51	1.435	1.215
69	1.735	1.515



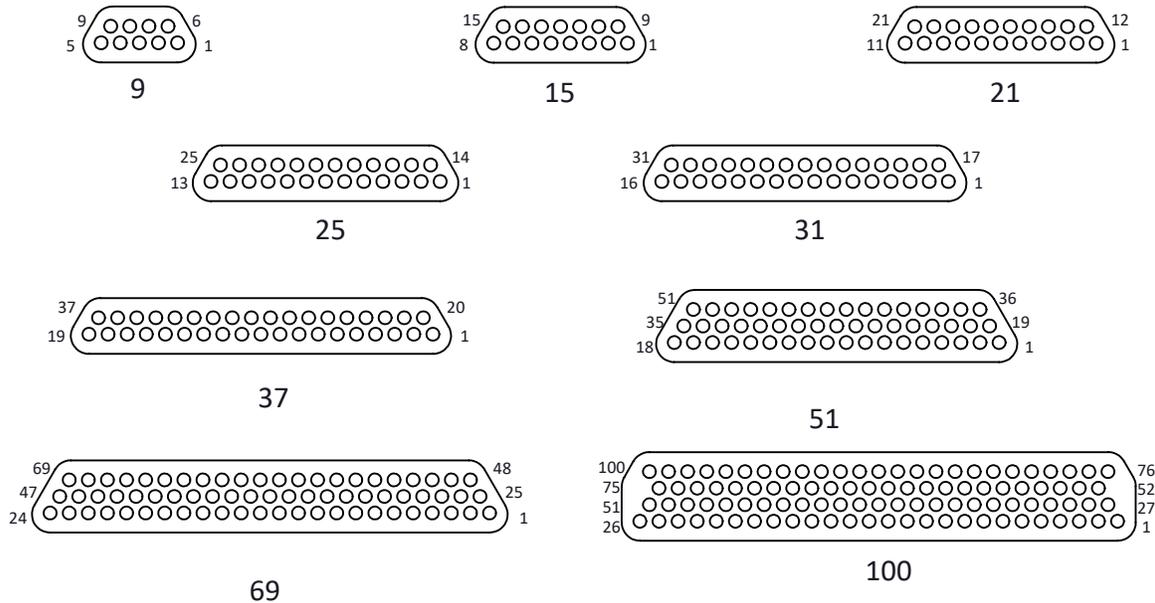
TOLERANCE: .XXX ±.005  
.XX ±.01  
ANGLE ±1°

TITLE  
MICRO-D METAL SHELL  
CONNECTOR SAVER

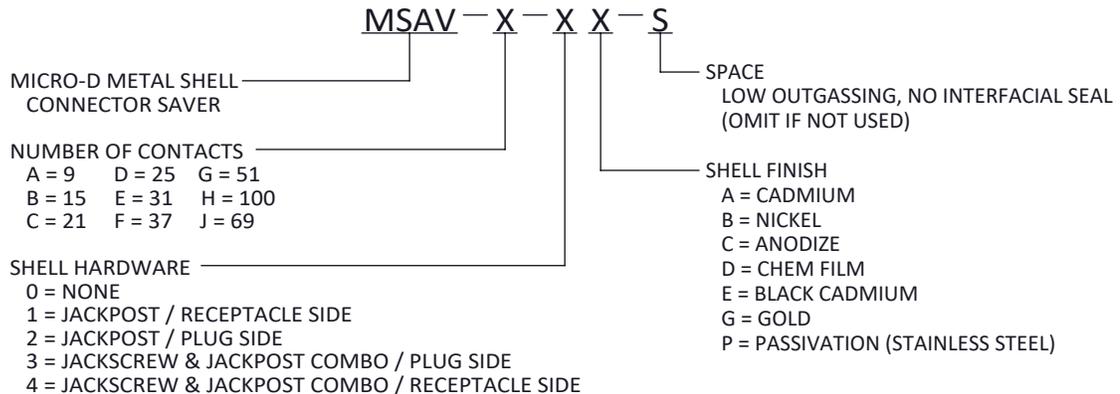
SHT 1 OF 3

DWG. NO.  
MSAV

REV  
G



**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

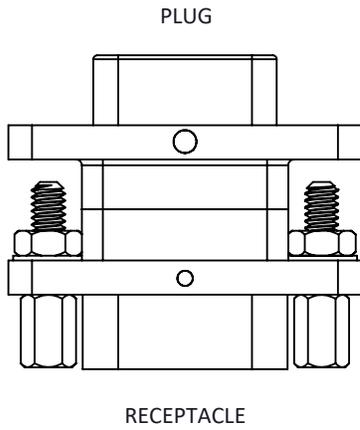
**3. SPECIFICATIONS:**

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 ----- 65 mV DROP 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

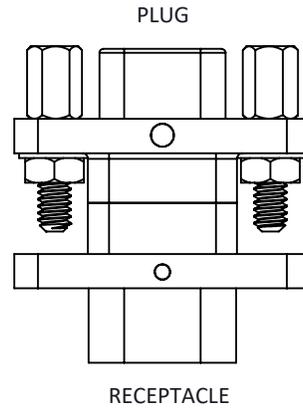
**4. ADDITIONAL INFORMATION:**

DESIGN AND PERFORMANCE IN GENERAL  
ACCORDANCE WITH M83513.

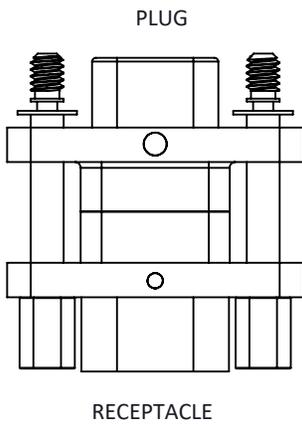
TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°	TITLE <b>MICRO-D METAL SHELL CONNECTOR SAVER</b>	SHT 2 OF 3	DWG. NO. <b>MSAV</b>	REV <b>G</b>
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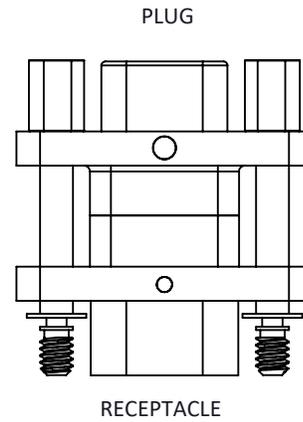
**-1: JACKPOST RECEPTACLE SIDE**



**-2: JACKPOST PLUG SIDE**



**-3 : JACKPOST & JACKSCREW COMBO PLUG SIDE**



**-4 : JACKPOST & JACKSCREW COMBO RECEPTACLE SIDE**

**MSAV HARDWARE OPTIONS**

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

TITLE  
MICRO-D METAL SHELL  
CONNECTOR SAVER

SHT 3 OF 3

DWG. NO.  
MSAV

REV  
**G**