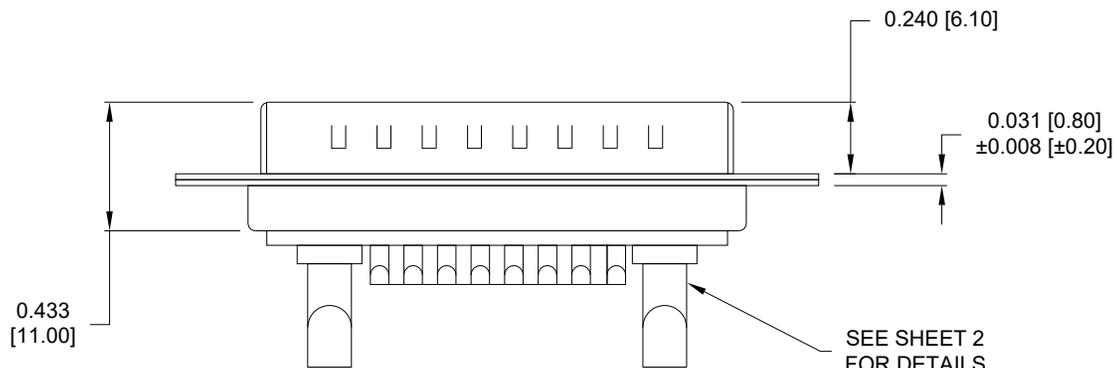
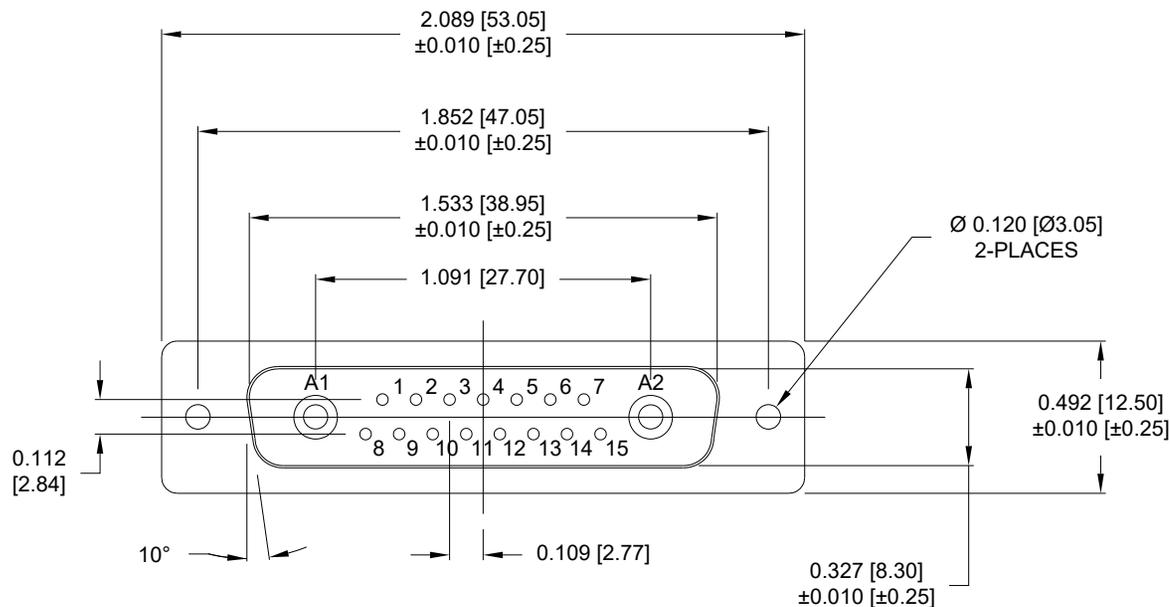


**SPECIFICATIONS:**

**ELECTRICAL:**  
 INSULATOR RESISTANCE: 5 GOhms MIN.  
 DIELECTRIC WITHSTANDING: 1000 VAC FOR 1 MIN  
 OPERATING TEMPERATURE: -55°C TO +125°C  
 POWER CONTACT RESISTANCE: 2.0 mOhms MAX.  
 SIGNAL CONTACT RESISTANCE: 10 mOhms MAX.  
 POWER CONTACT AMPERAGE: SEE P/N KEY  
 SIGNAL CONTACT AMPERAGE: 5 AMPS

**MECHANICAL:**  
 CONTACT INSERTION FORCE: 4.5 Kg MAX.  
 CONTACT SEPARATION FORCE: 0.3 Kg MIN.

**MATERIALS:**  
 CONTACTS: COPPER ALLOY, GOLD FLASH  
 INSULATOR: PBT UL94V-0 RATED  
 230°C PROCESS TEMP.  
**SHELL:** NICKEL PLATED STEEL  
**SEAL:** F08 FLEXIBLE ADHESIVE



**680S17W2103LYY1**

2 = 20 AMP  
 4 = 40 AMP  
 0 = NO HARDWARE  
 1 = 0.098" CN TERMINATION SIDE  
 1 = GOLD FLASH  
 \*CONTACT NORCOMP FOR MORE OPTIONS

**MEETS IP67 STANDARDS**  
 (SEE PAGE 2 FOR SEALING DETAILS)

UNITS = inch [mm]

**DO NOT SCALE FROM DRAWING**

**RoHS COMPLIANT**



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DRAWN:  
**M. SIGMON**

DATE:  
**04/03/2012**

**NorComp**

SCALE:  
 NTS

SHEET 1 OF 2

REV 4

DWG NO.

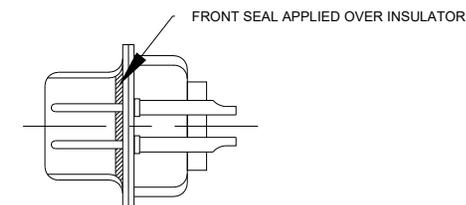
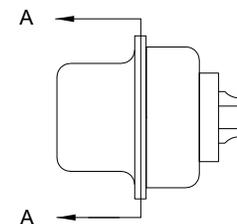
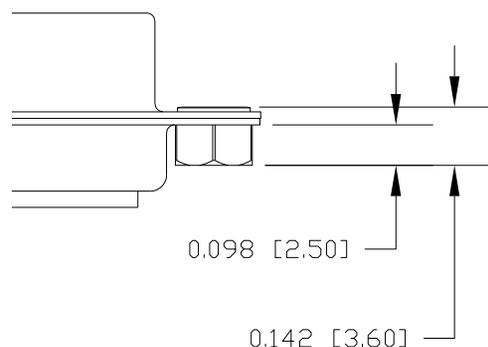
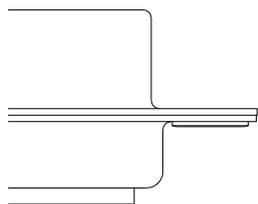
**680S17W2103LYY1**

**HARDWARE OPTIONS**

**CLINCH NUTS HAVE #4-40 INTERNAL THREADS THRU**

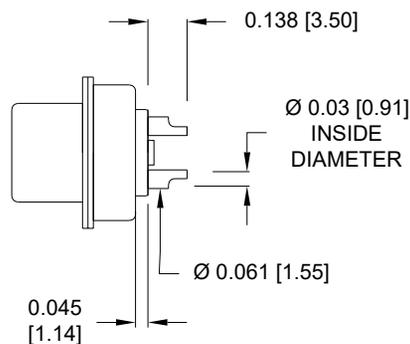
0 ..... NO HARDWARE

1 ..... 0.098" TERMINATION SIDE

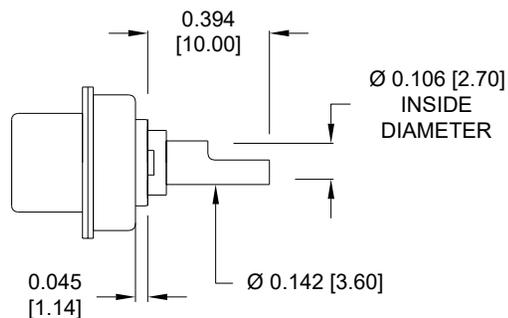


**DETAIL A-A**  
SHOWN FOR REFERENCE ONLY

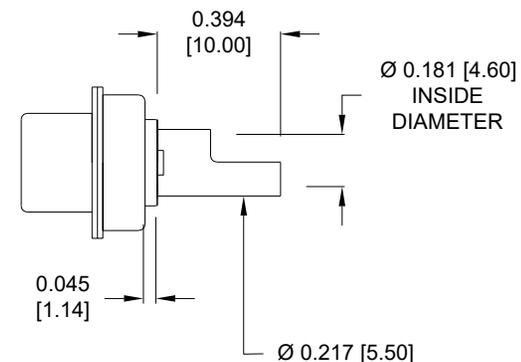
**NOTE:**  
SIGNAL AND POWER CONTACTS  
COME PRE-LOADED INTO INSULATORS



**SIGNAL CONTACTS**  
ACCEPTS UP TO 20 AWG WIRE



**20 AMP POWER CONTACTS**  
ACCEPTS UP TO 12 AWG WIRE



**40 AMP POWER CONTACTS**  
ACCEPTS UP TO 8 AWG WIRE

**RoHS COMPLIANT**

UNITS = inch [mm]

**DO NOT SCALE FROM DRAWING**



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DRAWN:  
**M. SIGMON**

DATE:  
**04/03/2012**

**NorComp**

SCALE:  
NTS

SHEET 2 OF 2

REV 4

DWG NO.

**680S17W2103LYY1**