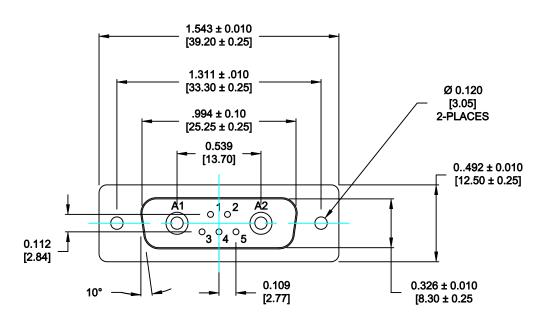
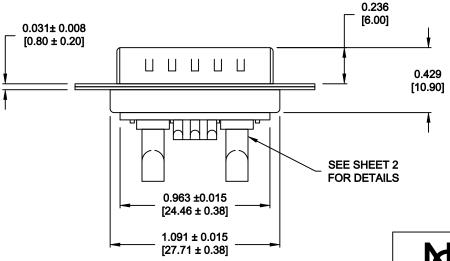
#### DESCRIPTION: POWER / SIGNAL - SOLDER CUP - MALE - MACHINED





ROHS COMPLIANT

### SPECIFICATIONS:

**ELECTRICAL:** 

5 G OHMS Min. INSULATOR RESISTANCE: **DIELECTRIC WITHSTANDING:** 1,000VAC r.m.s. -55° C ~ +155° C **OPERATING TEMPERATURE:** POWER CONTACT RESISTANCE: 1.0 MilliOHMS Max. 2.7 MilliOHMS Max. SIGNAL CONTACT RESISTANCE: SEE PART No. BELOW POWER PINS: SIGNAL PINS: 5 AMPS

**MECHANICAL:** 

**CONTACT INSERTION FORCE:** 4.5 Kg Max. **CONTACT SEPARATOR FORCE:** 0.3Kg Min.

**MATERIALS:** 

**CONTACTS: COPPER ALLOY** 

INSULATOR: PBT UL94V-0 RATED, BLK 230°C PROCESS TEMP.

SHELL: STEEL

SEAL: **F08 FLEXIBLE ADHESIVE** 

FINISH:

SHELL: **NICKEL** 

**FULL GOLD FLASH** CONTACTS:

## 680S7W2103LYY1

20 = 20 AMPS40 = 40 AMPS

### **MEETS IP67 STANDARDS**

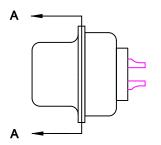
(SEE PAGE 2 FOR SEALING DETAILS)

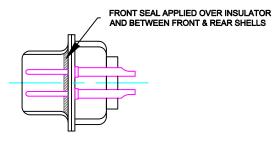
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NorComp

DRAWN: DATE: 09-13-11 P. JENKINS CHECKED: DATE: Χ Χ SCALE: SHEET OF REV 2 N.T.S. 0

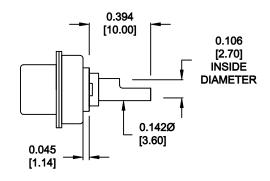
DWG NO. 680S7W2103LYY1 **DESCRIPTION: 680 SERIES CONTACTS** 

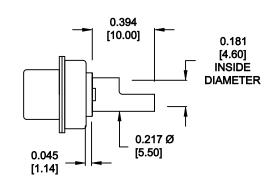




DETAIL A-A
SHOWN FOR REFERENCE ONLY

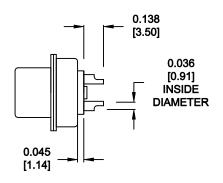
# NOTE: SIGNAL AND POWER CONTACTS COME PRE-LOADED INTO INSULATORS





20 AMP POWER CONTACTS
ACCEPTS UP TO 12 AWG WIRE

40 AMP POWER CONTACTS
ACCEPTS UP TO 8 AWG WIRE



SIGNAL CONTACTS
ACCEPTS UP TO 20 AWG WIRE



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NorComp

 DRAWN:
 P. JENKINS
 DATE:
 09-13-11

 CHECKED:
 X
 X

 SCALE:
 SHEET
 OF
 REV

 N.T.S.
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 2
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DWG NO. 680M7W2103LYY1

RoHS COMPLIANT