

**SPECIFICATIONS:**

**ELECTRICAL:**

INSULATOR RESISTANCE: 5 G OHMS Min.  
 DIELECTRIC WITHSTANDING: 1,000VAC r.m.s.  
 OPERATING TEMPERATURE: -55° C ~ +125° C  
 POWER CONTACT RESISTANCE: 1.0 mOHMS Max.  
 POWER PINS: SEE PART NUMBER BELOW

**MECHANICAL:**

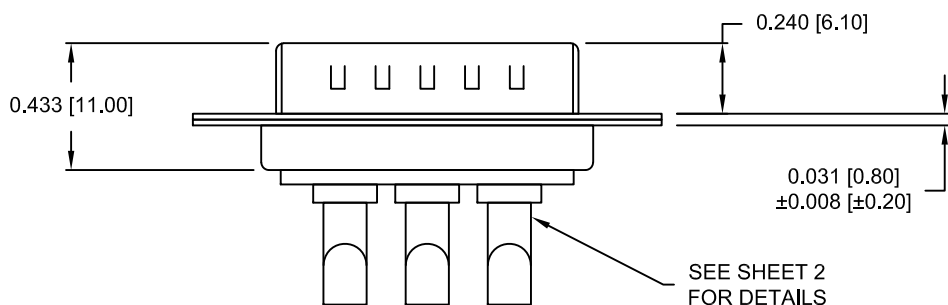
CONTACT INSERTION FORCE: 4.5 Kg Max.  
 CONTACT SEPARATOR FORCE: 0.3Kg Min.

**MATERIALS:**

CONTACTS: COPPER ALLOY  
 INSULATOR: PBT UL94V-0 RATED, BLK  
 230°C PROCESS TEMP.  
 SHELL: STEEL

**FINISH:**

SHELL: NICKEL  
 CONTACTS: FULL GOLD FLASH



**680M3W3K103LYY1**

2 = 20 AMP  
 4 = 40 AMP  
 0 = NO HARDWARE  
 1 = 0.098" CN SOLDER SIDE  
 2 = 0.236" CN SOLDER SIDE  
 3 = 0.236" CN MATING SIDE  
 1 = GOLD FLASH  
 \*CONTACT NORCOMP FOR MORE OPTIONS

RoHS COMPLIANT

UNITS = inch [mm]

DO NOT SCALE FROM DRAWING



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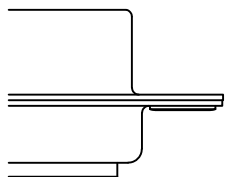
DRAWN: M. SIGMON  
 DATE: 07/22/2013

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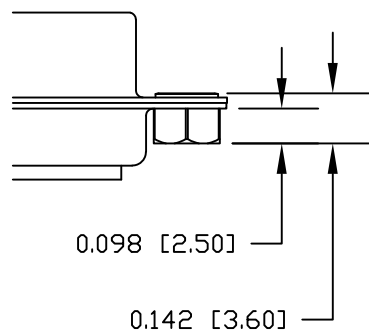
SCALE: NTS	SHEET 1 OF 2	REV 2
DWG NO. 680M3W3K103LYY1		

### HARDWARE OPTIONS

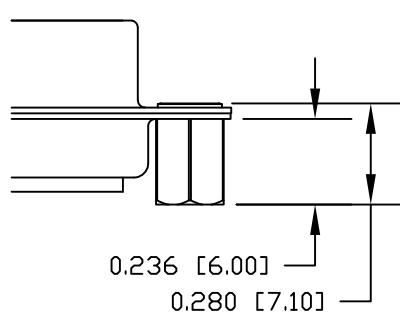
0 ..... NO HARDWARE



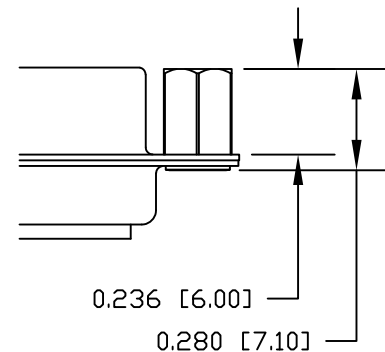
1 ..... 0.098" SOLDER SIDE



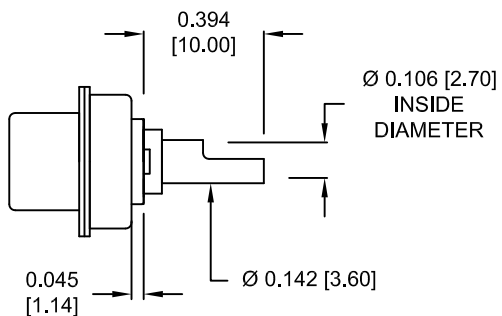
2 ..... 0.236" SOLDER SIDE



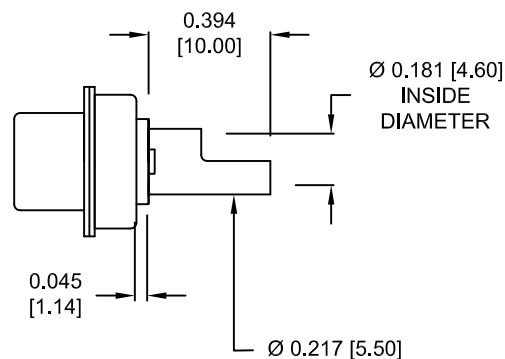
3 ..... 0.236" MATING SIDE



**NOTE:  
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**

**RoHS COMPLIANT**

UNITS = inch [mm]

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DRAWN:  
**M. SIGMON**  
DATE:  
**07/22/2013**

**NorComp**

SCALE:  
NTS  
DWG NO.

SHEET OF  
2 2

REV  
2

**680M3W3K103LYY1**