

## 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.  
 SIGNAL CONTACT RESISTANCE: 2.7 mOHMS Max.  
 POWER PINS: SEE PART NUMBER BELOW  
 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  
 SHELL: 230°C PROCESS TEMP.  
 STEEL

## FINISH:

SHELL: NICKEL  
 CONTACTS: FULL GOLD FLASH

680M7W2103LYY1

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



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DRAWN:

P. JENKINS

DATE:

08/22/2011

UNITS = inch [mm]

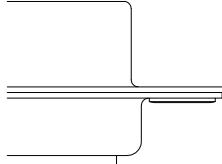
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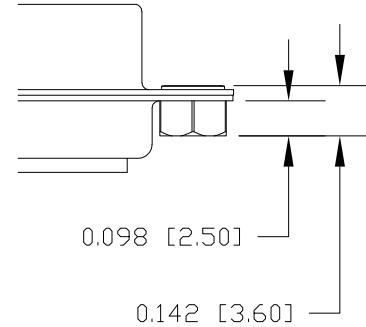
SCALE:	NTS	SHEET	OF	
DWG NO.	680M7W2103LYY1			

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

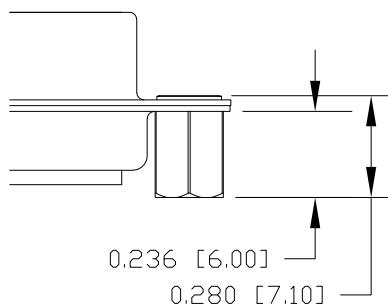
0 ..... NO HARDWARE



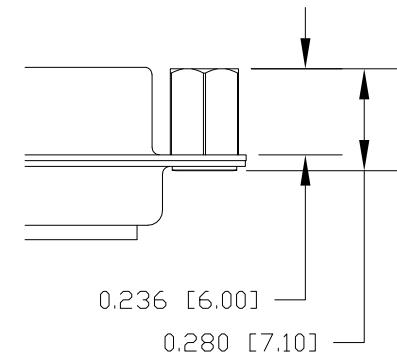
1 ..... 0.098" SOLDER SIDE



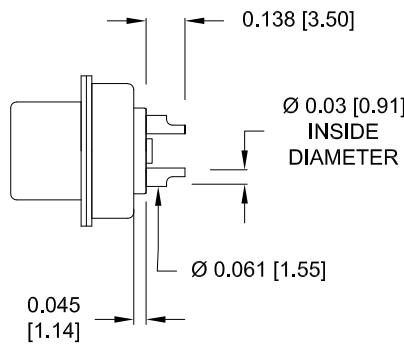
2 ..... 0.236" SOLDER SIDE



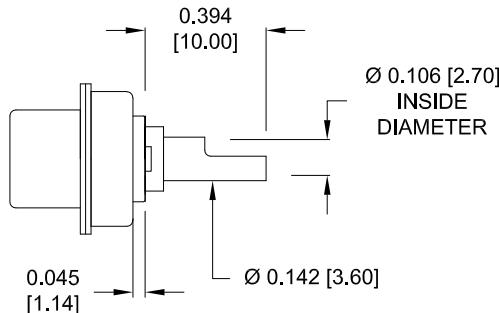
3 ..... 0.236" MATING SIDE



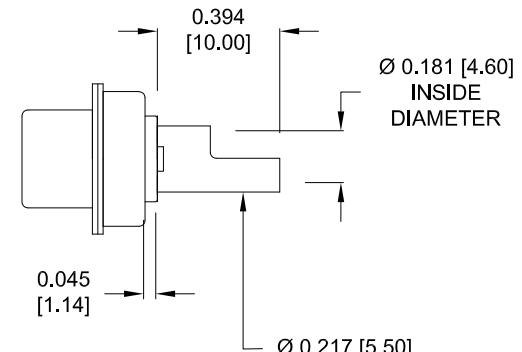
**NOTE:**  
**SIGNAL AND POWER CONTACTS**  
**COME PRE-LOADED INTO INSULATORS**



**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

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**NorComp**

SCALE:

NTS

SHEET

2

OF

2

REV

3

DWG NO.

680M7W2103LYY1

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