

## 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
	230°C PROCESS TEMP.
SHELL:	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

UNITS = inch [mm]

DO NOT SCALE FROM DRAWING



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DRAWN:  
P. JENKINS

DATE:  
08/22/2011

NorComp

SCALE:  
NTS

SHEET 1 OF 2

REV  
3

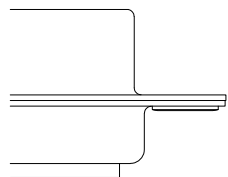
DWG NO.

680M7W2103LYY1

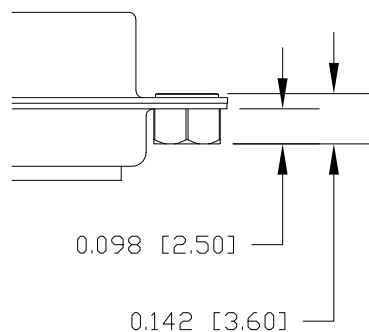
## HARDWARE OPTIONS

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

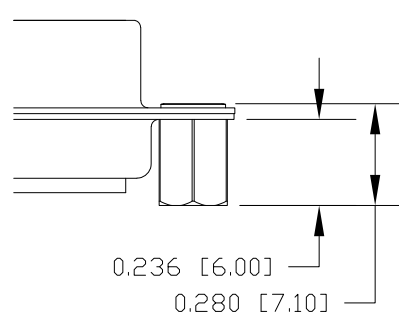
0 ..... NO HARDWARE



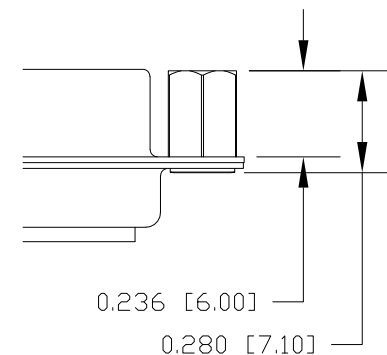
1 ..... 0.098" SOLDER SIDE



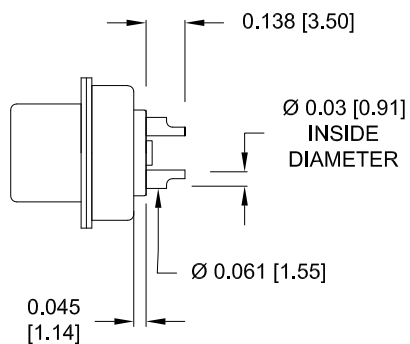
2 ..... 0.236" SOLDER SIDE



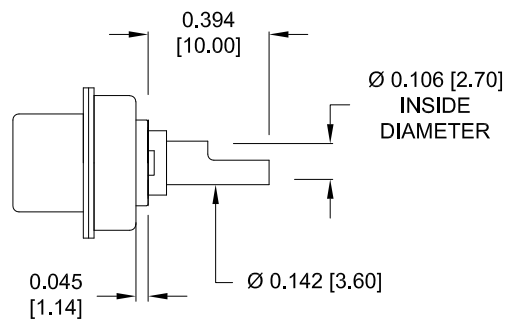
3 ..... 0.236" MATING SIDE



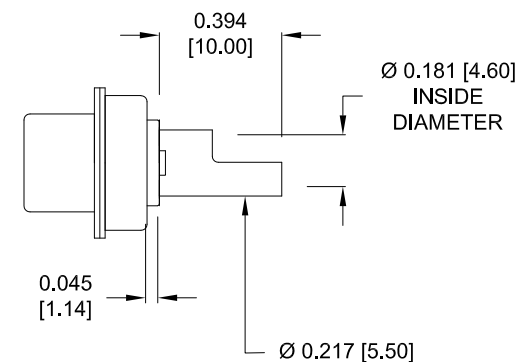
**NOTE:**  
SIGNAL AND POWER CONTACTS  
COME PRE-LOADED INTO INSULATORS



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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DRAWN:  
**P. JENKINS**

DATE:  
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# NorComp

SCALE:  
**NTS**

SHEET **2** OF **2**

REV  
**3**

DWG NO.

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