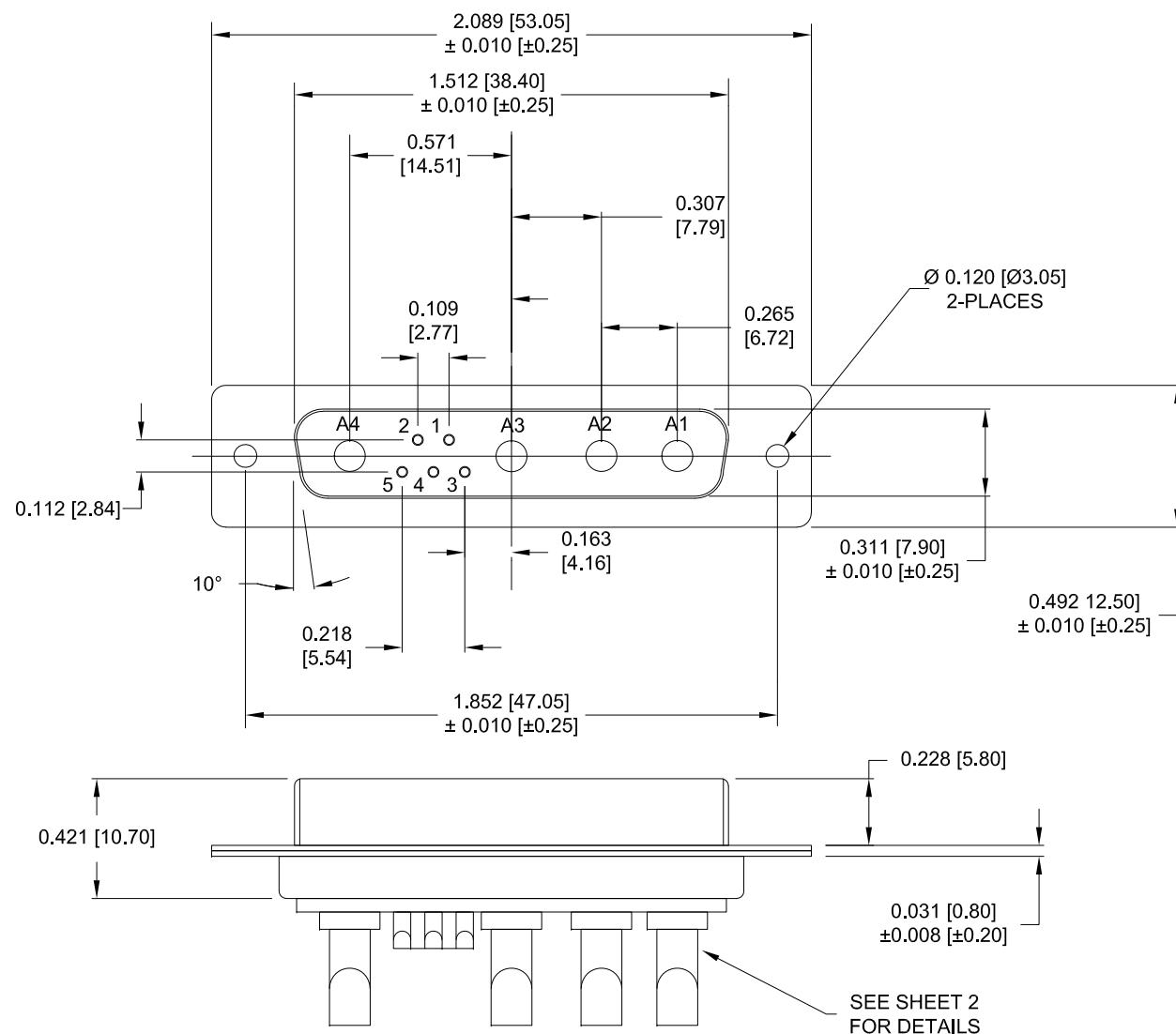


## SPECIFICATIONS:



## 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

FINISH:

SHELL: NICKEL  
CONTACTS: FULL GOLD FLASH

680M9W4203LYY1

2 = 20 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 \_\_\_\_\_  
2 = 30u" GOLD  
\*CONTACT NORCOMP FOR MORE OPTIONS

## RoHS COMPLIANT



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DRAWN:  
M. SIGMON  
DATE:  
08/20/2012

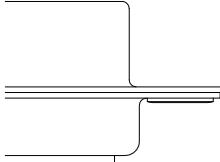
UNITS = inch [mm]

**DO NOT SCALE FROM DRAWING**

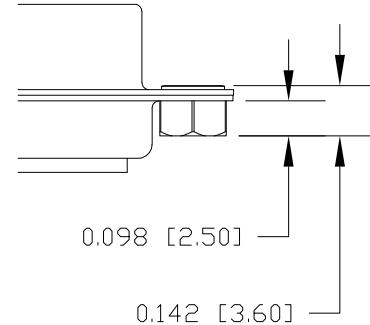
SCALE: NTS	SHEET 1	OF 2	REV 4
DWG NO. 680M9W4203I YY1			

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

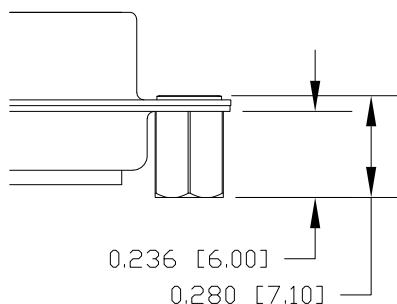
0 ..... NO HARDWARE



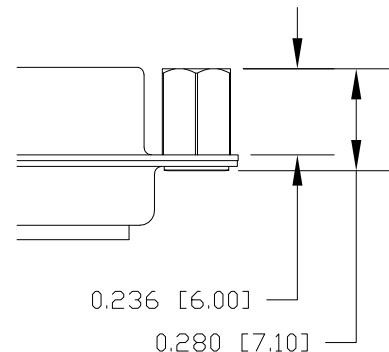
1 ..... 0.098" SOLDER SIDE



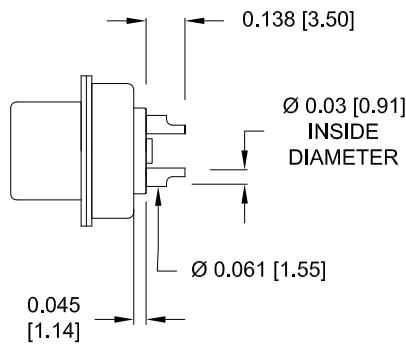
2 ..... 0.236" SOLDER SIDE



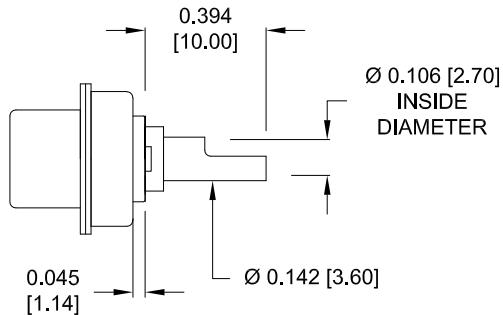
3 ..... 0.236" MATING SIDE



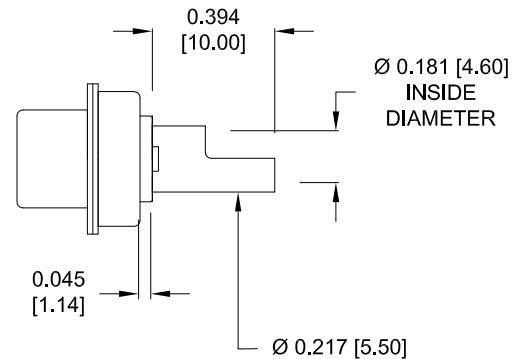
**NOTE:**  
**SIGNAL AND POWER CONTACTS**  
**COME PRE-LOADED INTO INSULATORS**



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:	M. SIGMON
DATE:	08/20/2012

UNITS = inch [mm]

**NorComp**

SCALE: NTS	SHEET 2 OF 2	REV 4
DWG NO. 680M9W4203LYY1		