

SPECIFICATIONS:

ELECTRICAL:

INSULATOR RESISTANCE: 5 G OHMS Min.
 DIELECTRIC WITHSTANDING: 1,000VAC r.m.s.
 OPERATING TEMPERATURE: $-55^\circ\text{C} \sim +125^\circ\text{C}$
 POWER CONTACT RESISTANCE: 2.0 mOhms MAX.
 POWER PINS: SEE PART NUMBER BELOW

MECHANICAL:

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

MATERIALS:

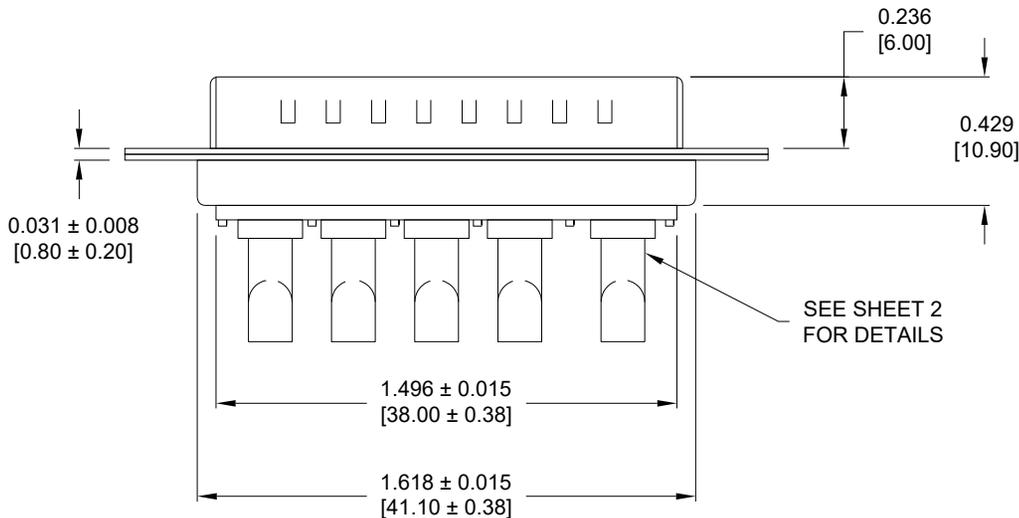
CONTACTS: COPPER ALLOY
 INSULATOR: PBT UL94V-0 RATED, BLK
 230°C PROCESS TEMP.
 SHELL: STEEL

FINISH:

SHELL: NICKEL
 CONTACTS: FULL GOLD FLASH

680M5W5103LYY1

- 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 4

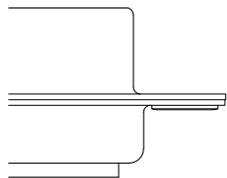
DWG NO.

680M5W5103LYY1

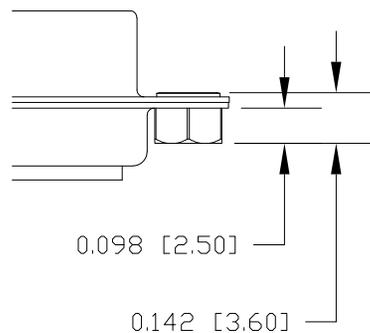
HARDWARE OPTIONS

CLINCH NUTS HAVE #4-40 INTERNAL THREADS THRU

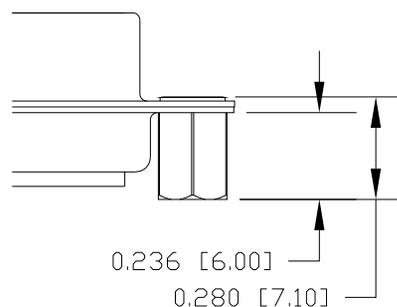
0 NO HARDWARE



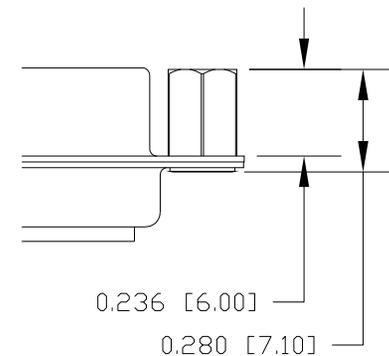
1 0.098" SOLDER SIDE



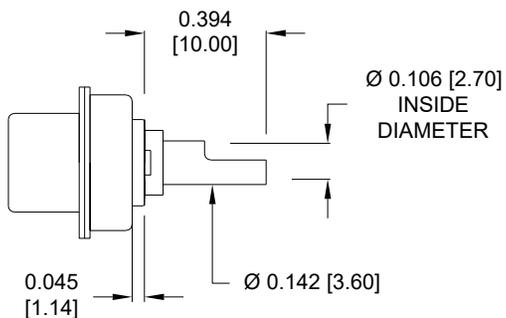
2 0.236" SOLDER SIDE



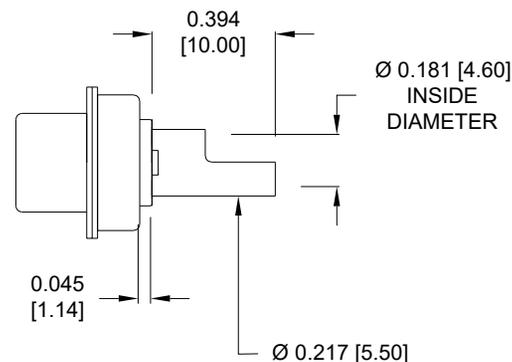
3 0.236" MATING SIDE



NOTE:
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

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