

SPECIFICATIONS:

ELECTRICAL:

INSULATOR RESISTANCE: 5 G OHMS Min.
 DIELECTRIC WITHSTANDING: 1,000VAC r.m.s.
 OPERATING TEMPERATURE: -55° C ~ +125° C
 POWER CONTACT RESISTANCE: 2.0 mOhms MAX.
 SIGNAL CONTACT RESISTANCE: 10 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: SEE P/N KEY BELOW

680M17W2203LYY1

2 = 20 AM
4 = 40 AM

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 = 30μ" GOLD PLATING

*CONTACT NORCOMP FOR MORE OPTIONS

RoHS COMPLIANT

NC

THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF NorComp AND SHALL NOT BE REPRODUCED, COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION

DRAWN:

M. SIGMON

DATE:

UNITS = inch [mm]

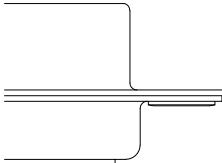
DO NOT SCALE FROM DRAWING

NorComp

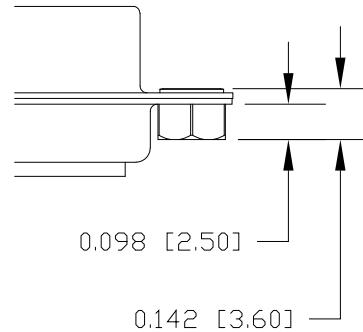
SCALE: NTS	SHEET 1	OF 2	REV 5
DWG NO. 680M17W22031 VV1			

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

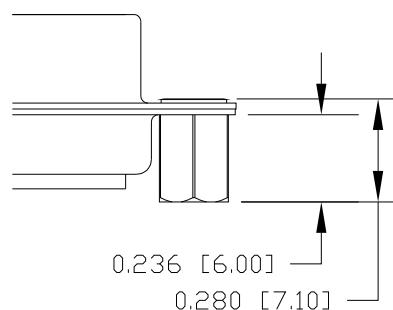
0 NO HARDWARE



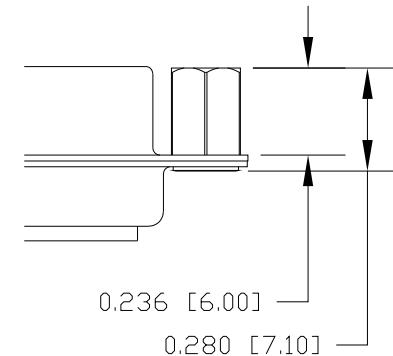
1 0.098" SOLDER SIDE



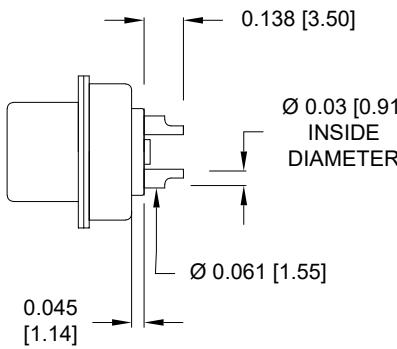
2 0.236" SOLDER SIDE



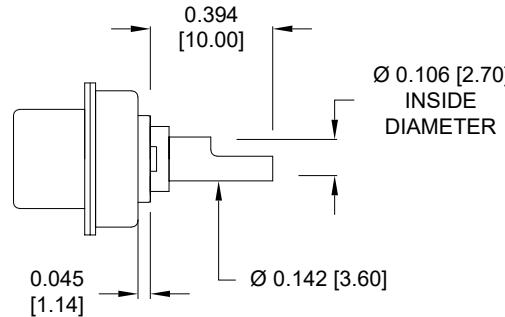
3 0.236" MATING SIDE



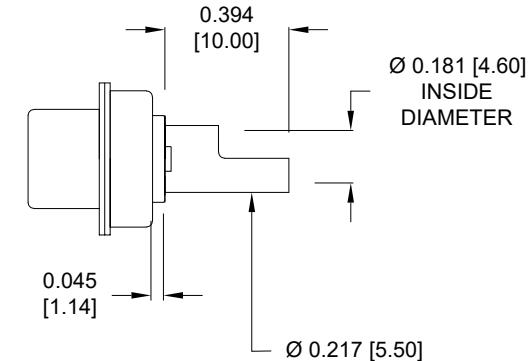
NOTE:
SIGNAL AND POWER CONTACTS
COME PRE-LOADED INTO INSULATORS



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

RoHS COMPLIANT

THESE DRAWINGS AND SPECIFICATIONS ARE
THE PROPERTY OF NorComp AND SHALL NOT
BE REPRODUCED, COPIED OR USED AS THE
BASIS FOR THE MANUFACTURE OR SALE OF
APPARATUS WITHOUT WRITTEN PERMISSION.

DRAWN:

M. SIGMON

DATE:

07/19/2013

UNITS = inch [mm]

DO NOT SCALE FROM DRAWING**NorComp**

SCALE:

NTS

SHEET

2

OF

2

REV

5

DWG NO.

680M17W2203LYY1