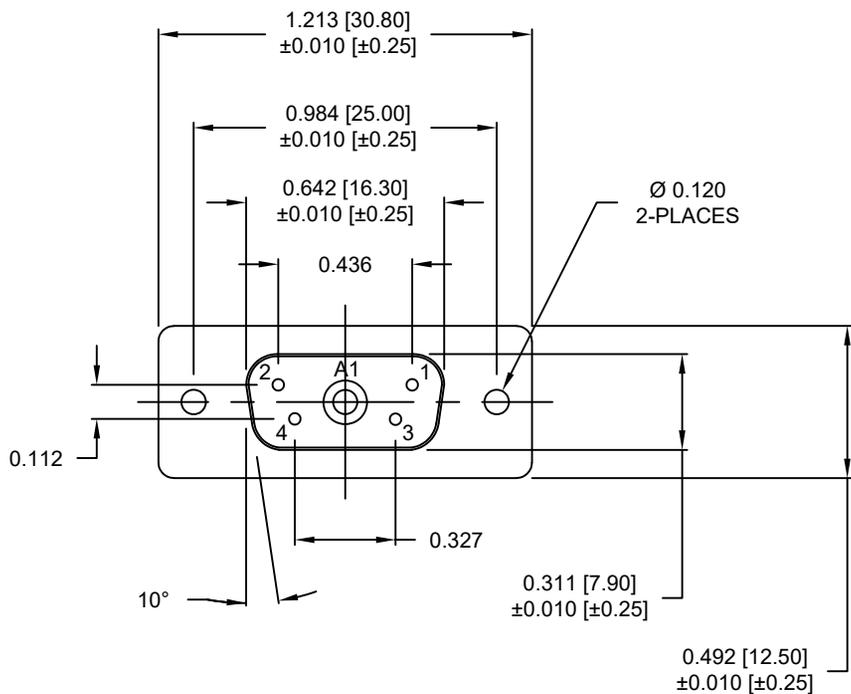


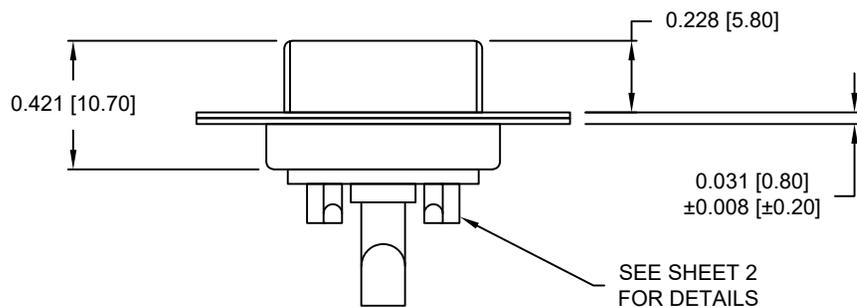
SPECIFICATIONS:



ELECTRICAL:
 INSULATOR RESISTANCE: 5 GOhms MIN.
 DIELECTRIC WITHSTANDING: 1000 VAC FOR 1 MIN
 OPERATING TEMPERATURE: -55°C TO +125°C
 POWER CONTACT RESISTANCE: 2.0 mOhms MAX.
 SIGNAL CONTACT RESISTANCE: 10 mOhms MAX.
 POWER CONTACT AMPERAGE: SEE P/N KEY
 SIGNAL CONTACT AMPERAGE: 5 AMPS

MECHANICAL:
 CONTACT INSERTION FORCE: 4.5 Kg MAX.
 CONTACT SEPARATION FORCE: 0.3 Kg MIN.

MATERIALS:
 CONTACTS: COPPER ALLOY, GOLD FLASH
 INSULATOR: PBT UL94V-0 RATED
 230°C PROCESS TEMP.
 SHELL: NICKEL PLATED STEEL
 SEAL: F04 FLEXIBLE ADHESIVE



680S5W1203LYY1

2 = 20 AMP
 4 = 40 AMP
 0 = NO HARDWARE
 1 = GOLD FLASH
 *CONTACT NORCOMP FOR MORE OPTIONS

MEETS IP67 STANDARDS
 (SEE PAGE 2 FOR SEALING DETAILS)

RoHS COMPLIANT

UNITS = inch [mm]

DO NOT SCALE FROM DRAWING



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.

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 M. SIGMON

DATE:
 06/10/2013

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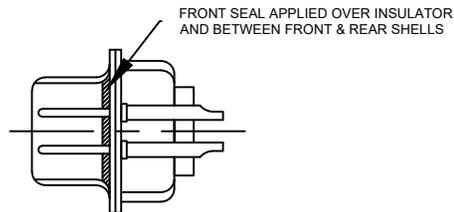
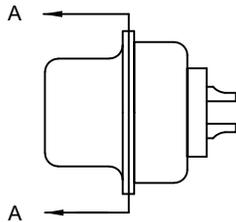
SCALE:
 NTS

SHEET 1 OF 2

REV 3

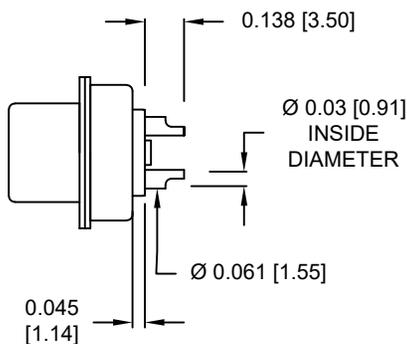
DWG NO.

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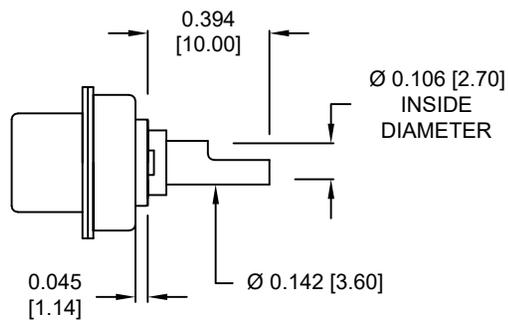


DETAIL A-A
SHOWN FOR REFERENCE ONLY

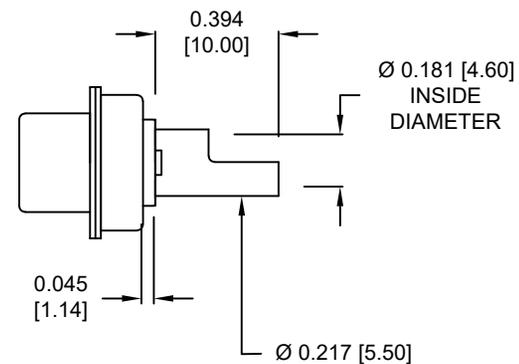
**NOTE:
SIGNAL AND POWER CONTACTS
COME PRE-LOADED INTO INSULATORS**



**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

UNITS = inch [mm]

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SHEET OF
2 2

REV
3

DWG NO.

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