

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:

SEAL: STEEL
 F04 FLEXIBLE ADHESIVE

FINISH:

SHELL: NICKEL
 CONTACTS: FULL GOLD FLASH

680S21WA4SLYY1

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

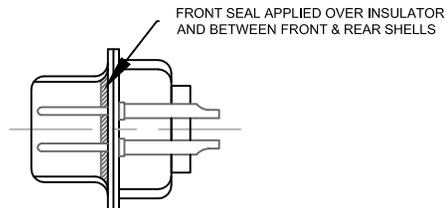
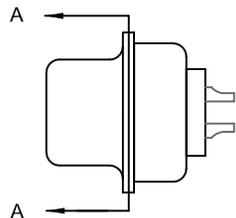


THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF NorComp AND SHALL NOT BE REPRODUCED, COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION.

DRAWN: M. SIGMON
 DATE: 06/10/2013

NorComp

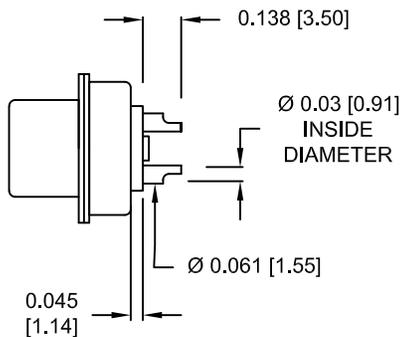
SCALE: NTS	SHEET 1	OF 2	REV 2
DWG NO.		680S21WA4SLYY1	



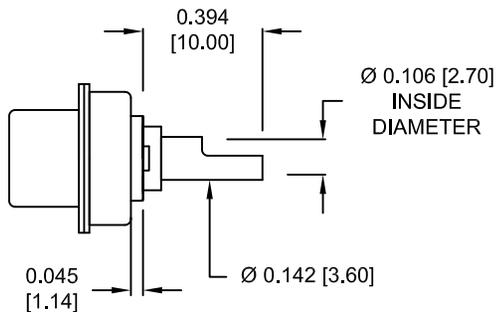
FRONT SEAL APPLIED OVER INSULATOR AND BETWEEN FRONT & REAR SHELLS

DETAIL A-A
SHOWN FOR REFERENCE ONLY

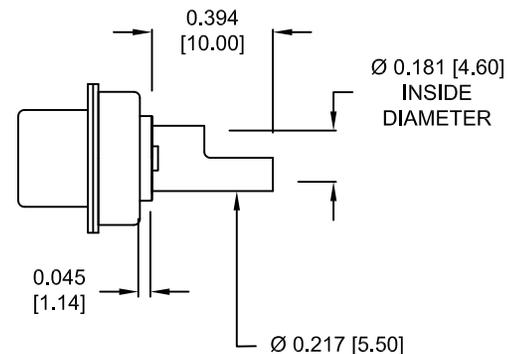
**NOTE:
SIGNAL AND POWER CONTACTS
COME PRE-LOADED INTO INSULATORS**



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]

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.

DRAWN:
M. SIGMON
DATE:
06/10/2013

NorComp

SCALE:
NTS
DWG NO.

SHEET OF
2 2

REV
2

680S21WA4SLYY1