

## 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  
 SHELL: 230°C PROCESS TEMP.  
 SEAL: STEEL  
 FINISH: F08 FLEXIBLE ADHESIVE

SHELL: NICKEL  
 CONTACTS: FULL GOLD FLASH

680S9W4103LYY1

2 = 20 AMP  
4 = 40 AMP0 = NO HARDWARE  
1 = 0.098" CN TERMINATION SIDE

1 = GOLD FLASH

\*CONTACT NORCOMP FOR MORE OPTIONS

MEETS IP67 STANDARDS  
 (SEE PAGE 2 FOR SEALING DETAILS)

RoHS COMPLIANT



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

UNITS = inch [mm]

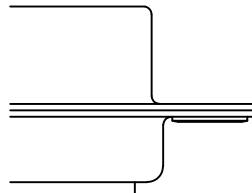
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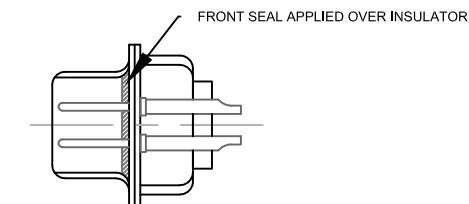
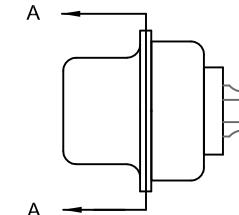
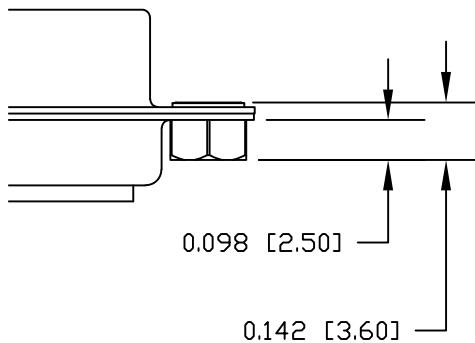
SCALE: NTS	SHEET 1	OF 2	REV 1
DWG NO. 680S9W4103LYY1			

## HARDWARE OPTIONS

0 ..... NO HARDWARE



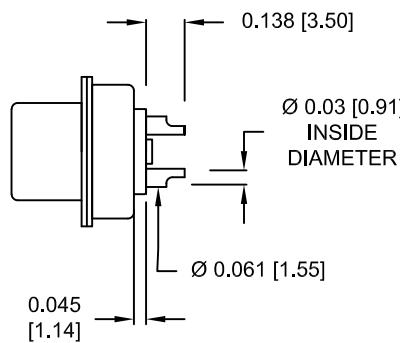
1 ..... 0.098" TERMINATION SIDE



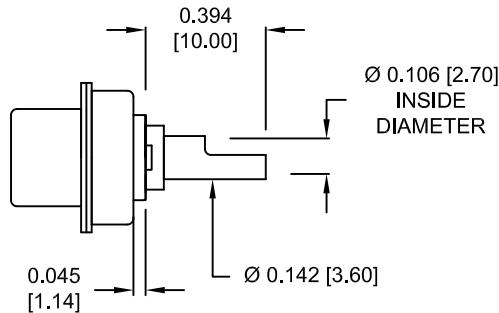
DETAIL A-A

SHOWN FOR REFERENCE ONLY

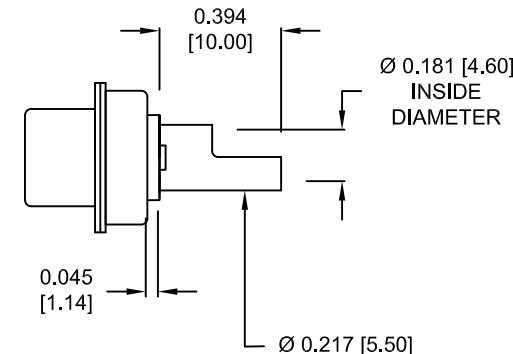
NOTE:  
SIGNAL AND POWER CONTACTS  
COME PRE-LOADED INTO INSULATORS



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

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SCALE:	NTS	SHEET	OF	REV
		2	2	1
DWG NO. 680S9W4103L YY1				

# Mouser Electronics

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