

## 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

F08 FLEXIBLE ADHESIVE

## FINISH:

## SHELL:

NICKEL

## CONTACTS:

FULL GOLD FLASH

680S5W1103LYY1

2 = 20 AMP

4 = 40 AMP

0 = 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:

06-10-13

UNITS = inch [mm]

DO NOT SCALE FROM DRAWING

NorComp

SCALE:

NTS

SHEET

OF

1 2

REV

2

DWG NO.

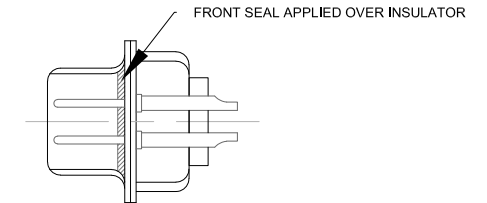
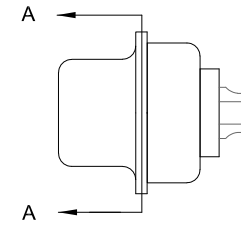
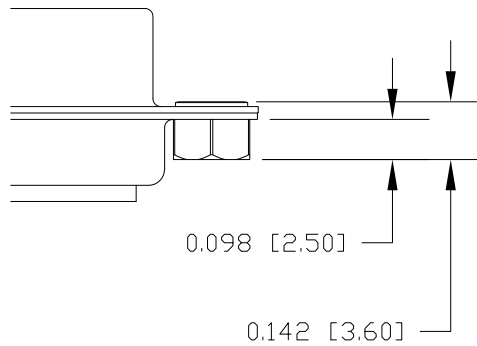
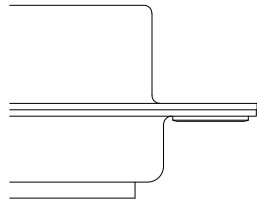
680S5W1103LYY1

## HARDWARE OPTIONS

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

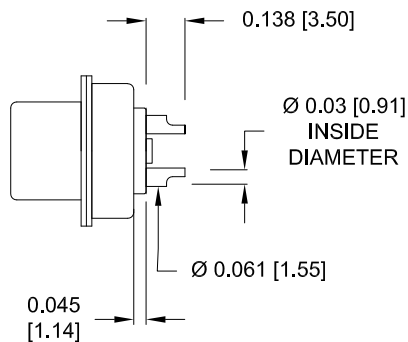
0 ..... NO HARDWARE

1 ..... 0.098" TERMINATION SIDE

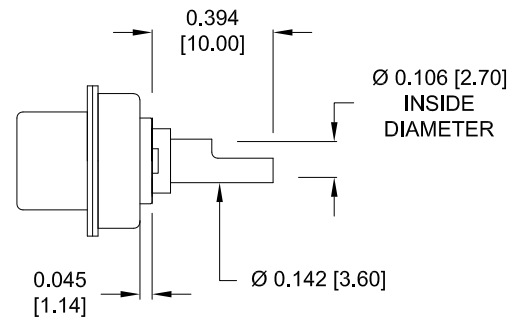


DETAIL A-A  
SHOWN FOR REFERENCE ONLY

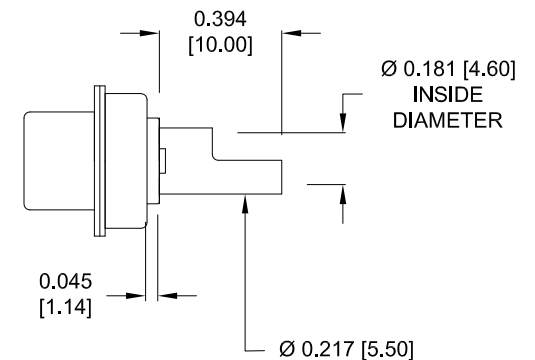
NOTE:  
SIGNAL AND POWER CONTACTS  
COME PRE-LOADED INTO INSULATORS



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

RoHS COMPLIANT

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DRAWN:  
M. SIGMON

DATE:  
06-10-13

# NorComp

SCALE:  
NTS

SHEET 2 OF 2

REV  
2

DWG NO.

680S5W1103LYY1

# Mouser Electronics

Authorized Distributor

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