

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:	STEEL
SEAL:	F08 FLEXIBLE ADHESIVE

FINISH:

SHELL:	NICKEL
CONTACTS:	FULL GOLD FLASH

680S21WA4PLYY1

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:
06/10/2013

UNITS = inch [mm]

DO NOT SCALE FROM DRAWING

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SCALE:
NTS

SHEET OF
1 2

REV
2

DWG NO.

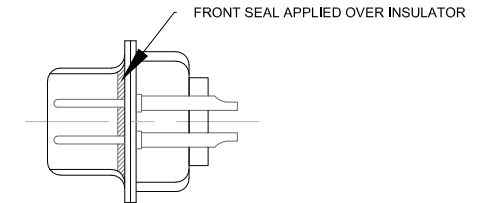
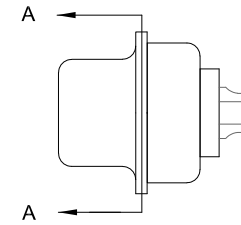
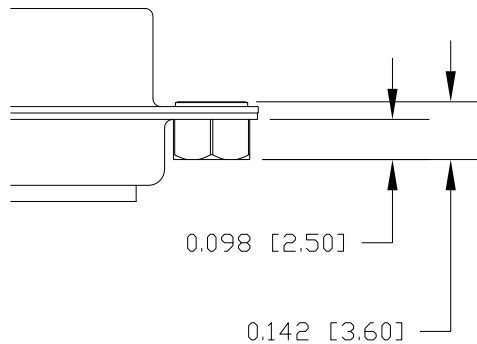
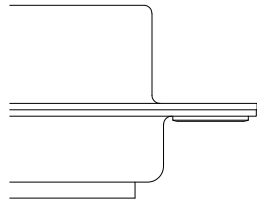
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HARDWARE OPTIONS

CLINCH NUTS HAVE #4-40 INTERNAL THREADS THRU

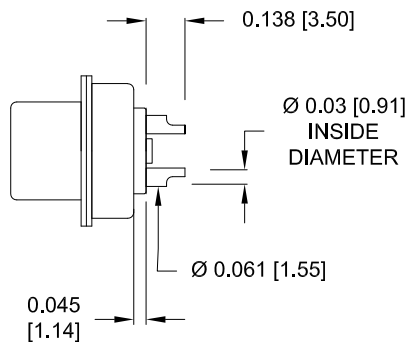
0 NO HARDWARE

1 0.098" TERMINATION SIDE

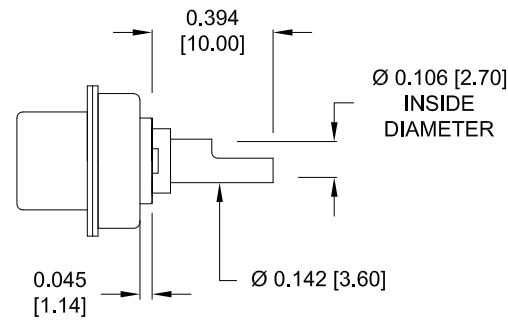


DETAIL A-A
SHOWN FOR REFERENCE ONLY

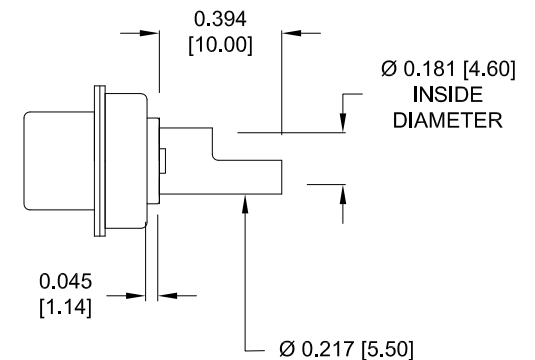
NOTE:
SIGNAL AND POWER CONTACTS
COME PRE-LOADED INTO INSULATORS



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

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SCALE:
NTS

SHEET 2 OF 2

REV
2

DWG NO.

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Mouser Electronics

Authorized Distributor

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