

SPECIFICATIONS:

ELECTRICAL:

INSULATOR RESISTANCE: 5 G OHMS Min.
 DIELECTRIC WITHSTANDING: 1,000VAC r.m.s.
 OPERATING TEMPERATURE: -55° C ~ +125° C
 POWER CONTACT RESISTANCE: 2.0 mOhms MAX.
 SIGNAL CONTACT RESISTANCE: 10 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.
 STEEL

FINISH:

SHELL: NICKEL
 CONTACTS: SEE P/N KEY BELOW

680M7W2103LYY1

2 = 20 AMP
4 = 40 AMP0 = NO HARDWARE
1 = 0.098" CN SOLDER SIDE
2 = 0.236" CN SOLDER SIDE
3 = 0.236" CN MATING SIDE1 = GOLD FLASH
2 = 30μ" GOLD PLATING
*CONTACT NORCOMP FOR MORE OPTIONS

RoHS COMPLIANT



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 APPARATUS WITHOUT WRITTEN PERMISSION.

DRAWN:

P. JENKINS

DATE:
08/22/2011

UNITS = inch [mm]

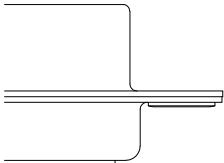
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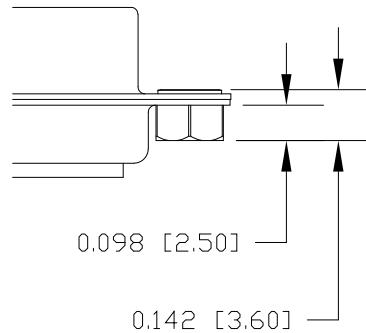
SCALE:	NTS	1	2	REV
DWG NO.				5
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HARDWARE OPTIONS
CLINCH NUTS HAVE #4-40 INTERNAL THREADS THRU

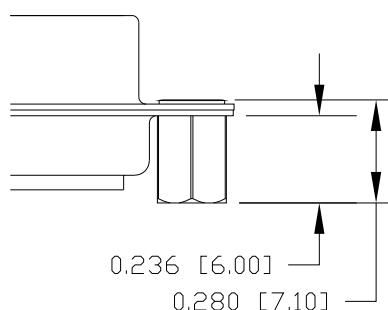
0 NO HARDWARE



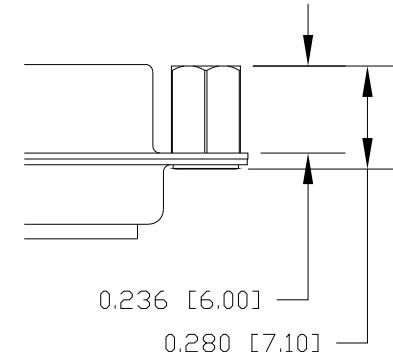
1 0.098" SOLDER SIDE



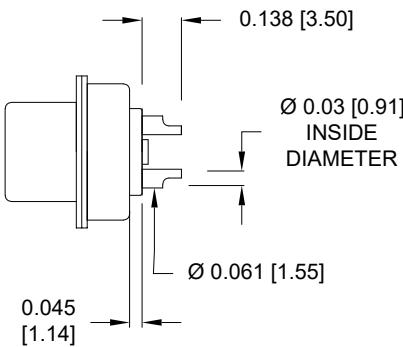
2 0.236" SOLDER SIDE



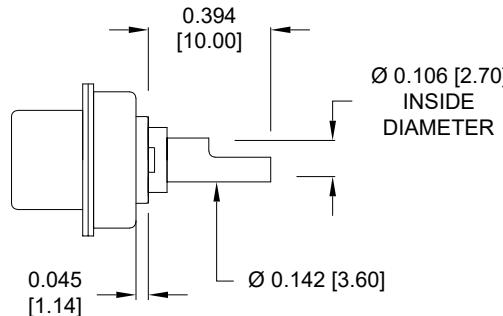
3 0.236" MATING SIDE



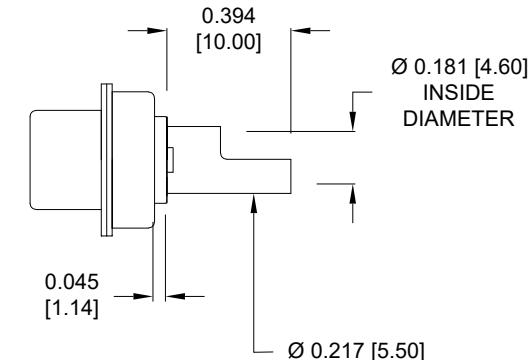
NOTE:
SIGNAL AND POWER CONTACTS
COME PRE-LOADED INTO INSULATORS



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

DWG NO.

SHEET 2 OF 2

REV 5

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