

SPECIFICATIONS:

ELECTRICAL:

INSULATOR RESISTANCE: 5 G OHMS Min.
 DIELECTRIC WITHSTANDING: 1,000VAC r.m.s.
 OPERATING TEMPERATURE: -55° C ~ +155° C
 POWER CONTACT RESISTANCE: 1.0 MillioHMS Max.
 SIGNAL CONTACT RESISTANCE: 2.7 MillioHMS Max.
 POWER PINS: SEE PART No. BELOW
 SIGNAL PINS: 5 AMPS

MECHANICAL:

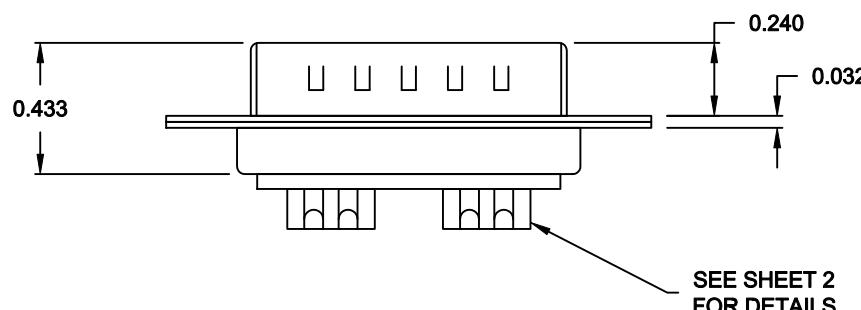
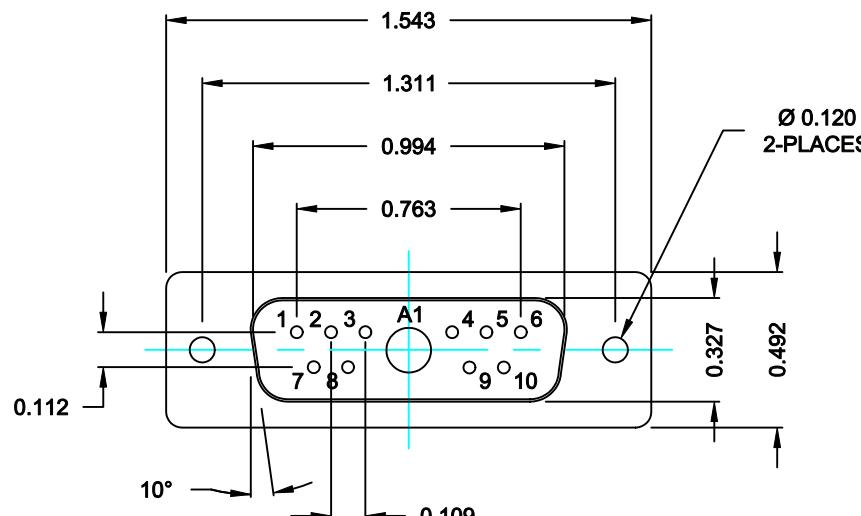
CONTACT INSERTION FORCE: 4.5 Kg Max.
 CONTACT SEPARATOR FORCE: 0.3Kg Min.

MATERIALS:

CONTACTS: COPPER ALLOY
 INSULATOR: PBT UL94V-0 RATED, BLK
 SHELL: 230°C PROCESS TEMP.
 SEAL: STEEL
 F08 FLEXIBLE ADHESIVE

FINISH:

SHELL: NICKEL
 CONTACTS: FULL GOLD FLASH



680S11W1103L001

NO POWER
CONTACTS

MEETS IP67 STANDARDS

(SEE PAGE 2 FOR SEALING DETAILS)

RoHS COMPLIANT



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DRAWN: M. SIGMON DATE: 06-10-13

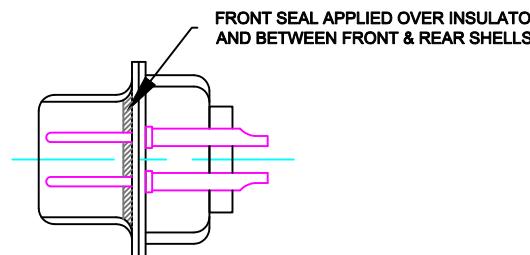
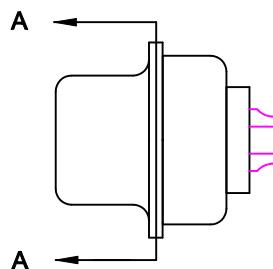
CHECKED: X DATE: X

SCALE: N.T.S. SHEET OF 1 2 REV 0

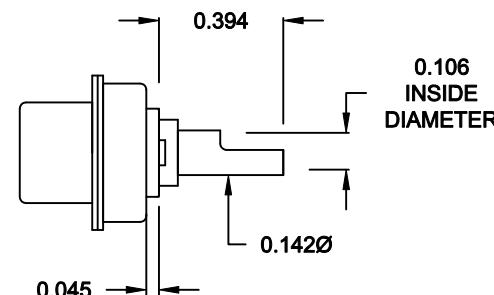
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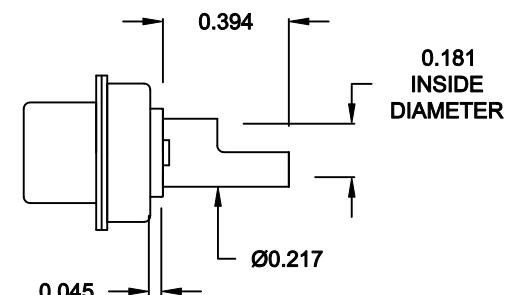
NOTE: SIGNAL AND POWER CONTACTS
COME PRE-LOADED INTO INSULATORS



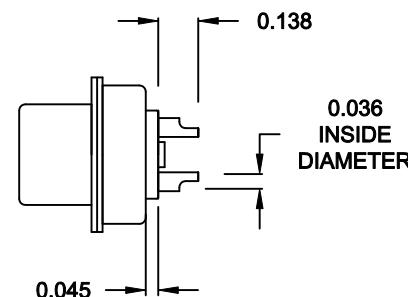
DETAIL A-A
SHOWN FOR REFERENCE ONLY



20 AMP POWER CONTACTS
ACCEPTS UP TO 12 AWG WIRE



40 AMP POWER CONTACTS
ACCEPTS UP TO 8 AWG WIRE



SIGNAL CONTACTS
ACCEPTS UP TO 20 AWG WIRE



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