

DESCRIPTION: POWER - SOLDER CUP - FEMALE

SPECIFICATIONS:

ELECTRICAL:

INSULATOR RESISTANCE: 5 G OHMS Min.
 DIELECTRIC WITHSTANDING: 1,000 VAC for 1 MINUTE
 OPERATING TEMPERATURE: -55° C ~ +155° C
 CONTACT RESISTANCE: 1 Milliohms Max.
 POWER PINS: SEE PART No. BELOW

MECHANICAL:

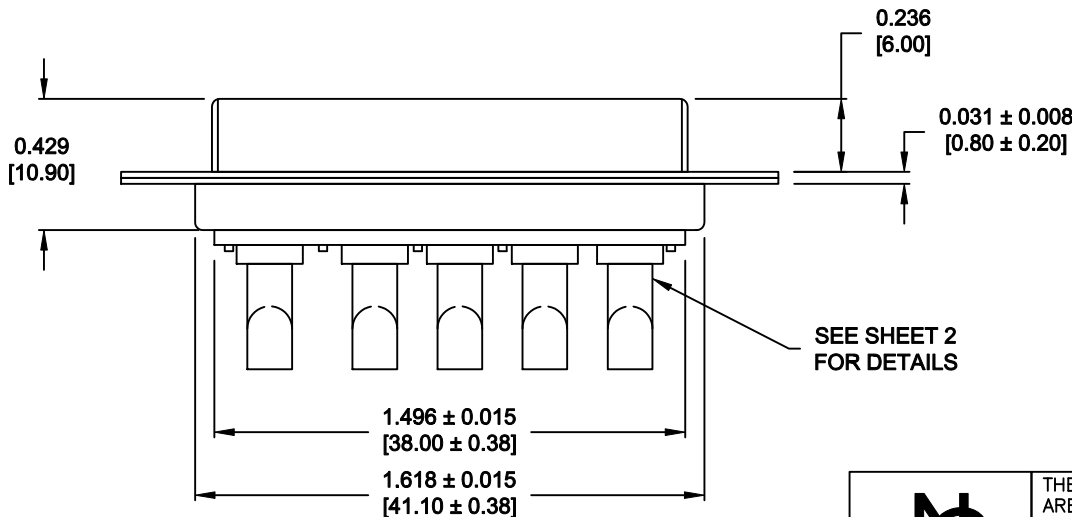
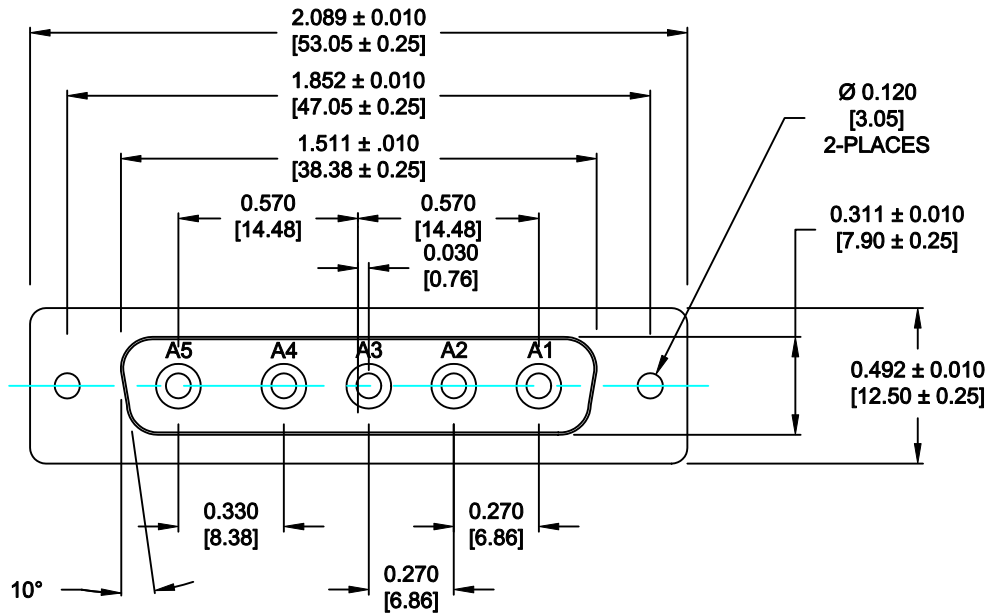
CONTACT INSERTION FORCE: 4.5 Kg Max.
 CONTACT SEPARATOR FORCE: 0.3Kg Min.

MATERIALS:

CONTACTS: COPPER ALLOY
 INSULATOR: PBT UL94V-0 RATED, BLK
 230°C PROCESS TEMP.
 SHELL: STEEL
 SEAL: F04 FLEXIBLE ADHESIVE

FINISH:

SHELL: NICKEL
 CONTACTS: FULL GOLD FLASH



680S5W5203LYY1

20 = 20 AMPS
 40 = 40 AMPS

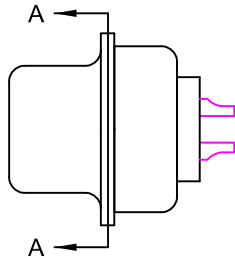
MEETS IP67 STANDARDS

(SEE PAGE 2 FOR SEALING DETAILS)

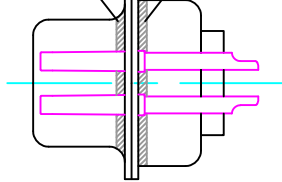
RoHS COMPLIANT

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			CHECKED: X	DATE: X
NorComp	SCALE: N.T.S.	SHEET 1	OF 2	REV 0
	DWG NO. 680S5W5203LYY1			

DESCRIPTION: 680 SERIES CONTACTS

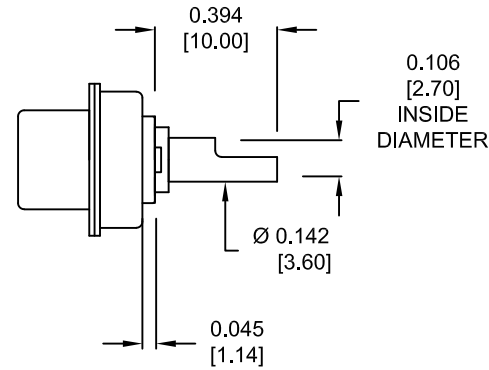


FRONT SEAL APPLIED BETWEEN FRONT INSULATOR AND FRONT METAL SHELL
 MIDDLE SEAL APPLIED BETWEEN FRONT INSULATOR AND BACK INSULATOR

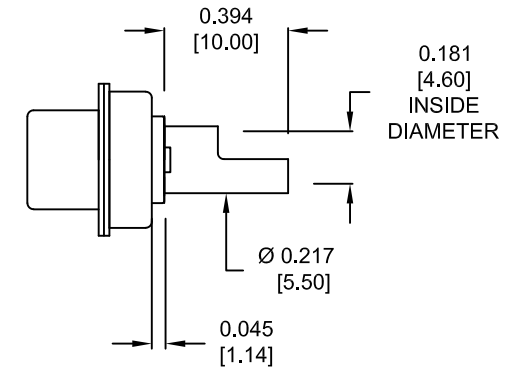


DETAIL A-A
 SHOWN FOR REFERENCE ONLY

NOTE: POWER CONTACTS COME PRE-LOADED INTO INSULATORS



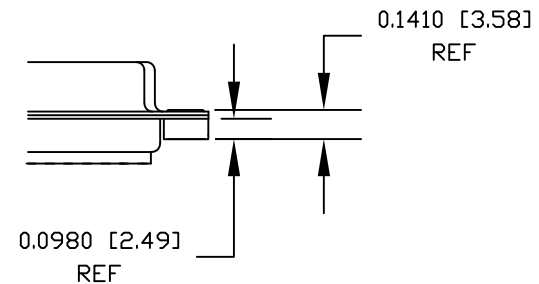
20 AMP POWER CONTACTS
 ACCEPTS UP TO 12 AWG WIRE



40 AMP POWER CONTACTS
 ACCEPTS UP TO 8 AWG WIRE

HARDWARE OPTION

01X 0.098" (BOARD SIDE) - CN1



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DRAWN: P. JENKINS		DATE: 09-13-11	
CHECKED: X		DATE: X	
SCALE: N.T.S.	SHEET 2	OF 2	REV 2
DWG NO. 680S5W5203LYY1			

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