

DESCRIPTION: POWER / SIGNAL - SOLDER CUP - MALE - MACHINED

## SPECIFICATIONS:

## ELECTRICAL:

INSULATOR RESISTANCE:	5 GOHMS 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:

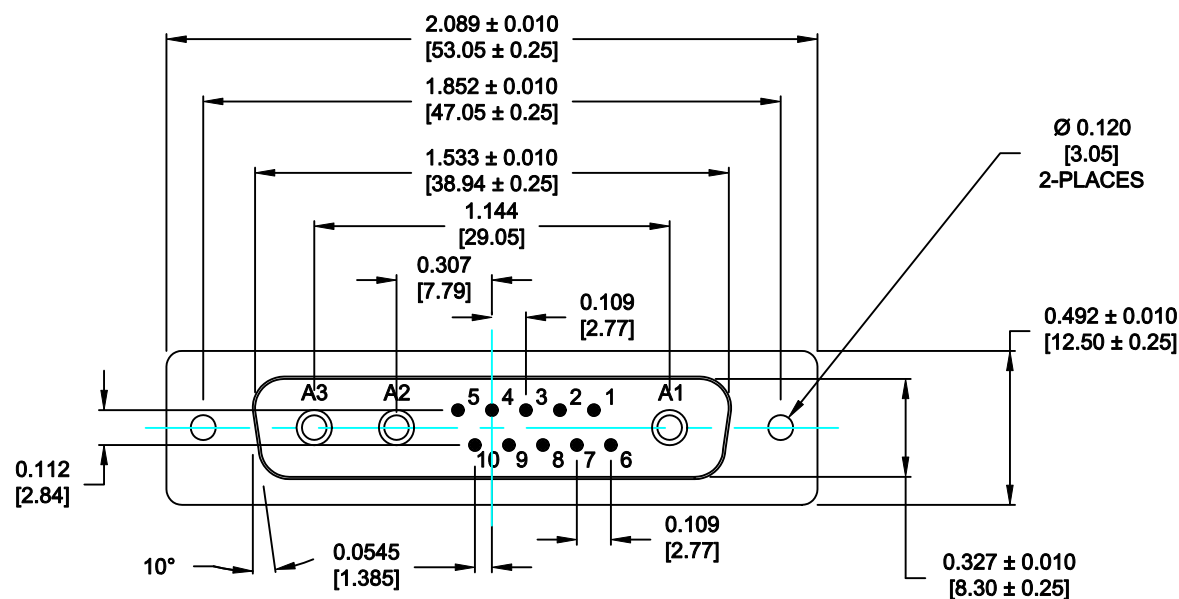
CONTACT INSERTION FORCE:	4.5 Kg Max.
CONTACT SEPARATOR FORCE:	0.3Kg Min.

## MATERIALS:

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

## FINISH:

SHELL:	NICKEL
CONTACTS:	FULL GOLD FLASH



680S13W3103LYY1

20 = 20 AMPS  
40 = 40 AMPS

MEETS IP67 STANDARDS

(SEE PAGE 2 FOR SEALING DETAILS)

RoHS COMPLIANT

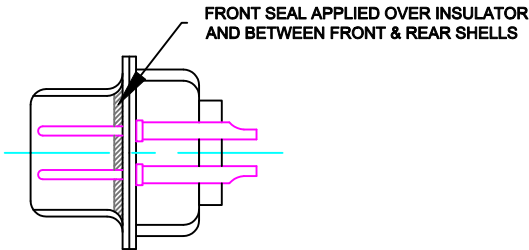
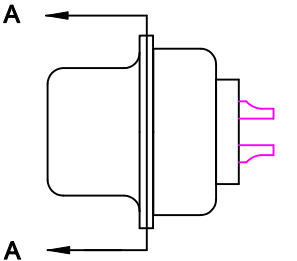


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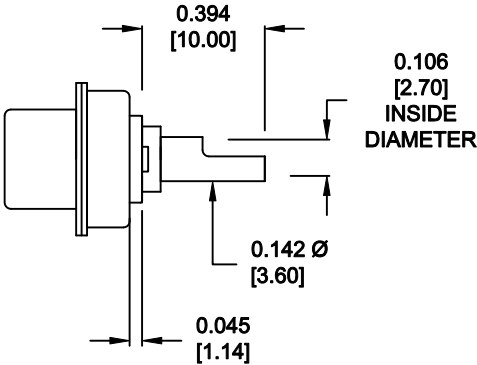
DRAWN:	P. JENKINS	DATE:	09-13-11
CHECKED:		DATE:	
SCALE:	N.T.S.	SHEET	OF
		1	2
DWG NO.	680S13W3103LYY1	REV	0

DESCRIPTION: 680 SERIES CONTACTS

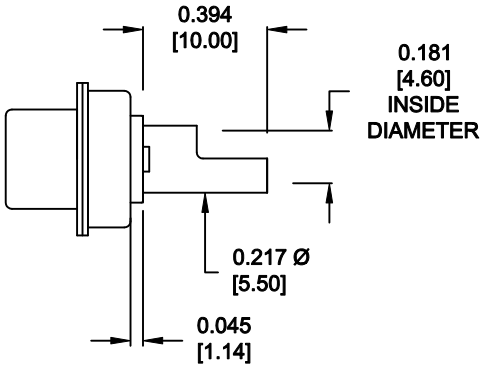


DETAIL A-A  
SHOWN FOR REFERENCE ONLY

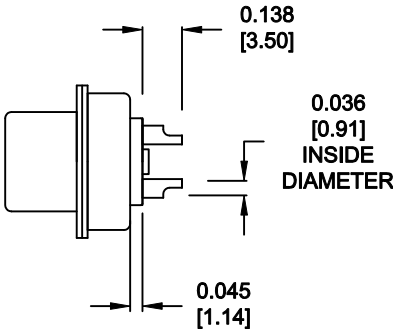
NOTE: SIGNAL AND POWER CONTACTS  
COME PRE-LOADED INTO INSULATORS



20 AMP POWER CONTACTS  
ACCEPTS UP TO 12 AWG WIRE




40 AMP POWER CONTACTS  
ACCEPTS UP TO 8 AWG WIRE



SIGNAL CONTACTS  
ACCEPTS UP TO 20 AWG WIRE

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		CHECKED:		DATE:	
<b>NorComp</b>	SCALE: <b>N.T.S.</b>		SHEET <b>2</b>		OF <b>2</b>
	DWG NO. <b>680S13W3103LYY1</b>		REV <b>0</b>		