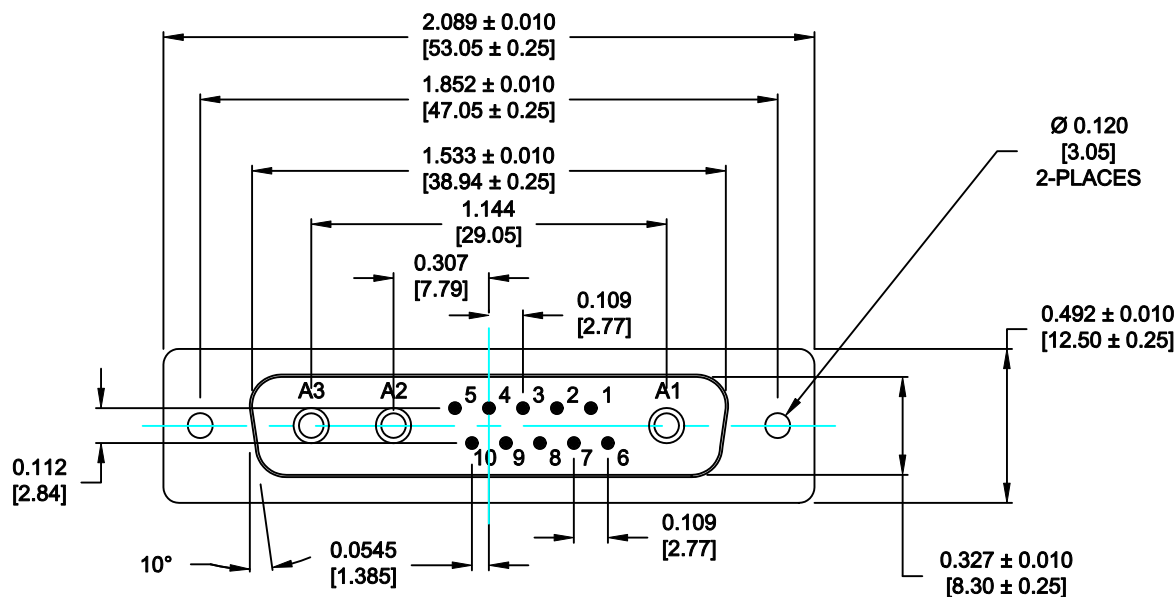


DESCRIPTION: POWER / SIGNAL - SOLDER CUP - MALE - MACHINED



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

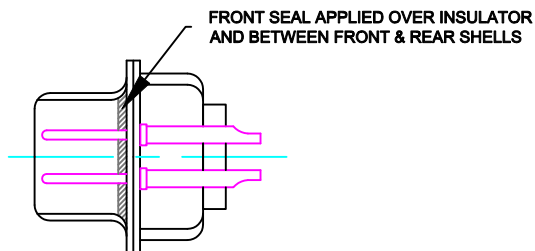
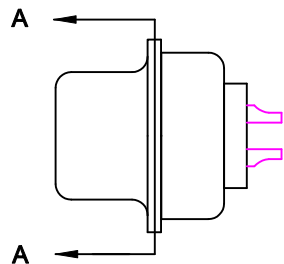


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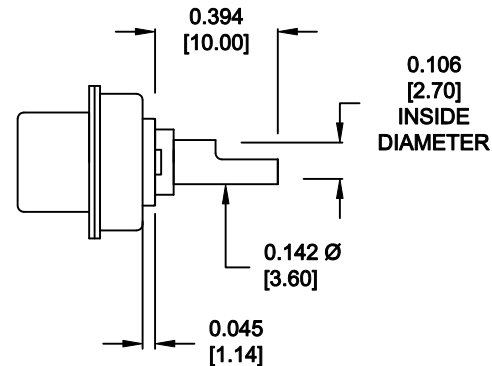
DRAWN:	P. JENKINS	DATE:	09-13-11
CHECKED:		DATE:	
SCALE:	N.T.S.	SHEET	OF
		1	2
DWG NO.	680S13W3103LYY1	REV	0

DESCRIPTION: 680 SERIES CONTACTS

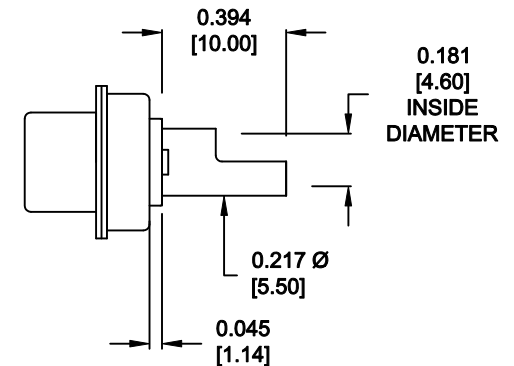


DETAIL A-A
SHOWN FOR REFERENCE ONLY

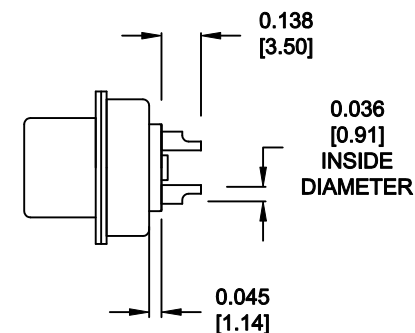
**NOTE: SIGNAL AND POWER CONTACTS
COME PRE-LOADED INTO INSULATORS**



**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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DATE:

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N.T.S.

SHEET **2** OF **2**

REV
0

DWG NO. **680S13W3103LYY1**

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