

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

SPECIFICATIONS:

ELECTRICAL:

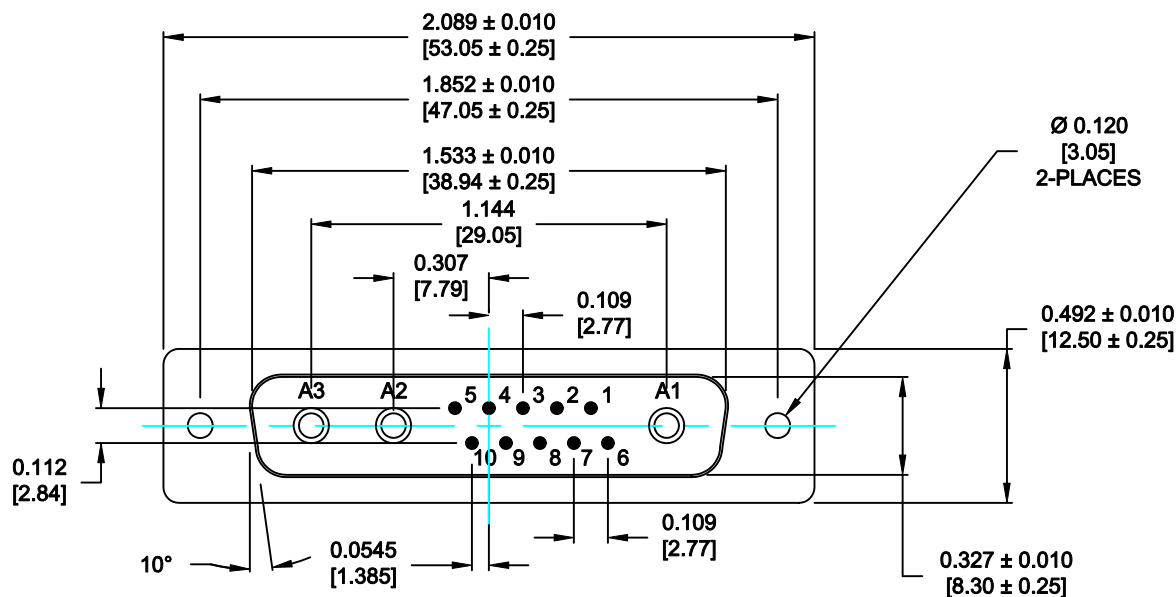
INSULATOR RESISTANCE:	5 GOHMS Min.
DIELECTRIC WITHSTANDING:	1,000VAC r.m.s.
OPERATING TEMPERATURE:	-55° C ~ +155° C
POWER CONTACT RESISTANCE:	1.0 Milliohms Max.
SIGNAL CONTACT RESISTANCE:	2.7 Milliohms Max.
POWER PINS:	SEE PART No. BELOW
SIGNAL PINS:	5 AMPS

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)



THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF NorComp AND SHALL NOT BE REPRODUCED, COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OF SALE OF APPARATUS WITHOUT WRITTEN PERMISSION.

NorComp

DRAWN: P. JENKINS

DATE: 09-13-11

CHECKED:

DATE:

SCALE: N.T.S.

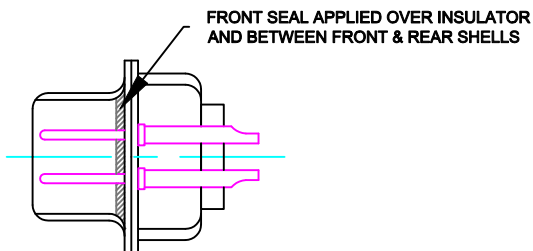
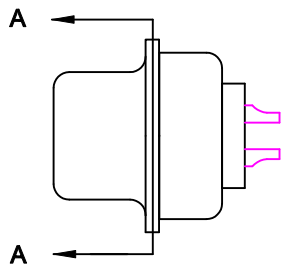
SHEET 1 OF 2

REV 0

DWG NO. 680S13W3103LYY1

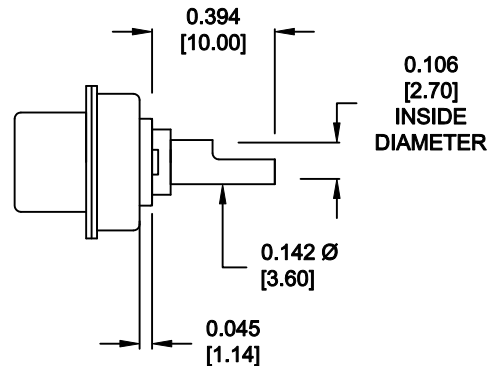
RoHS COMPLIANT

DESCRIPTION: 680 SERIES CONTACTS

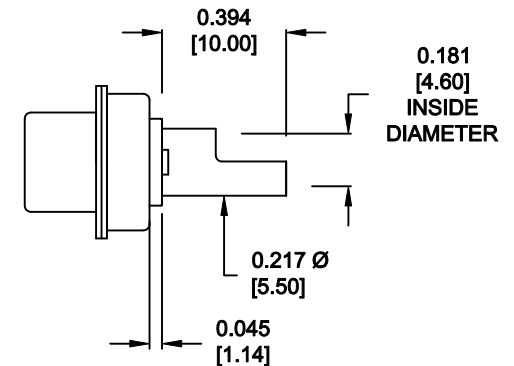


DETAIL A-A
SHOWN FOR REFERENCE ONLY

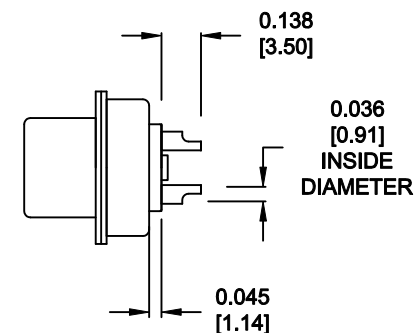
**NOTE: SIGNAL AND POWER CONTACTS
COME PRE-LOADED INTO INSULATORS**



**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**



THESE DRAWINGS AND SPECIFICATIONS
ARE THE PROPERTY OF NorComp AND
SHALL NOT BE REPRODUCED, COPIED
OR USED AS THE BASIS FOR THE
MANUFACTURE OF SALE OF APPARATUS
WITHOUT WRITTEN PERMISSION.

DRAWN:
P. JENKINS

DATE:
09-13-11

CHECKED:

DATE:

SCALE:
N.T.S.

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

REV
0

DWG NO. **680S13W3103LYY1**

NorComp

RoHS COMPLIANT