

DESCRIPTION: POWER / SIGNAL - VERTICAL BOARD - MALE

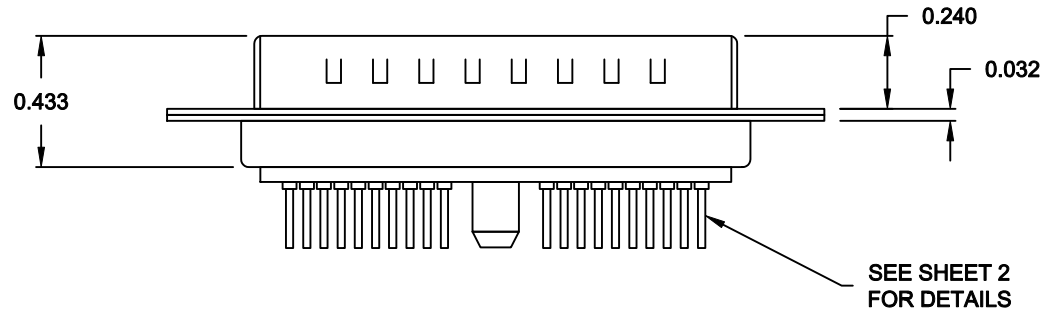
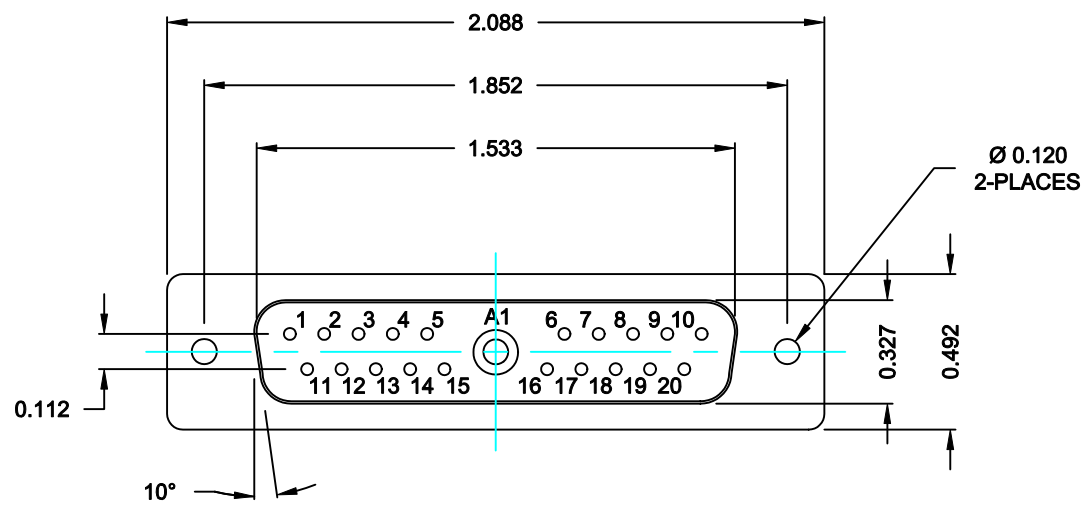
**SPECIFICATIONS:**

**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: 40 AMPS  
 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



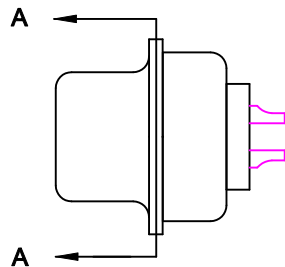
**681S21W1103L001**

00 = 20 / 40 AMPS

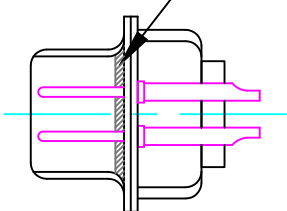
**MEETS IP67 STANDARDS**  
 (SEE PAGE 2 FOR SEALING DETAILS)

**RoHS COMPLIANT**

	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: <b>M. SIGMON</b>	DATE: <b>06-11-13</b>
			CHECKED: <b>X</b>	DATE: <b>X</b>
<b>NorComp</b>		SCALE: <b>N.T.S.</b>	SHEET <b>1</b> OF <b>3</b>	REV <b>0</b>
		DWG NO. <b>681S21W1103L001</b>		

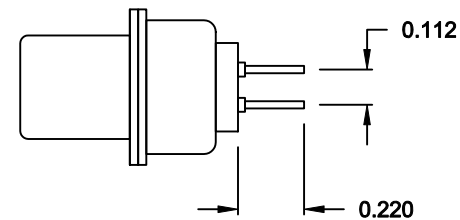


FRONT SEAL APPLIED OVER INSULATOR AND BETWEEN FRONT & REAR SHELLS

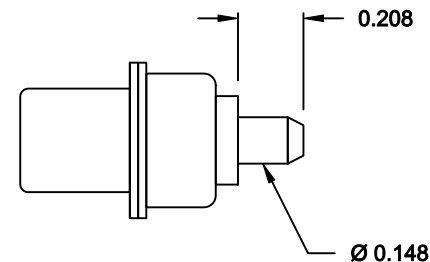


DETAIL A-A  
SHOWN FOR REFERENCE ONLY

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



SIGNAL CONTACTS



POWER CONTACTS

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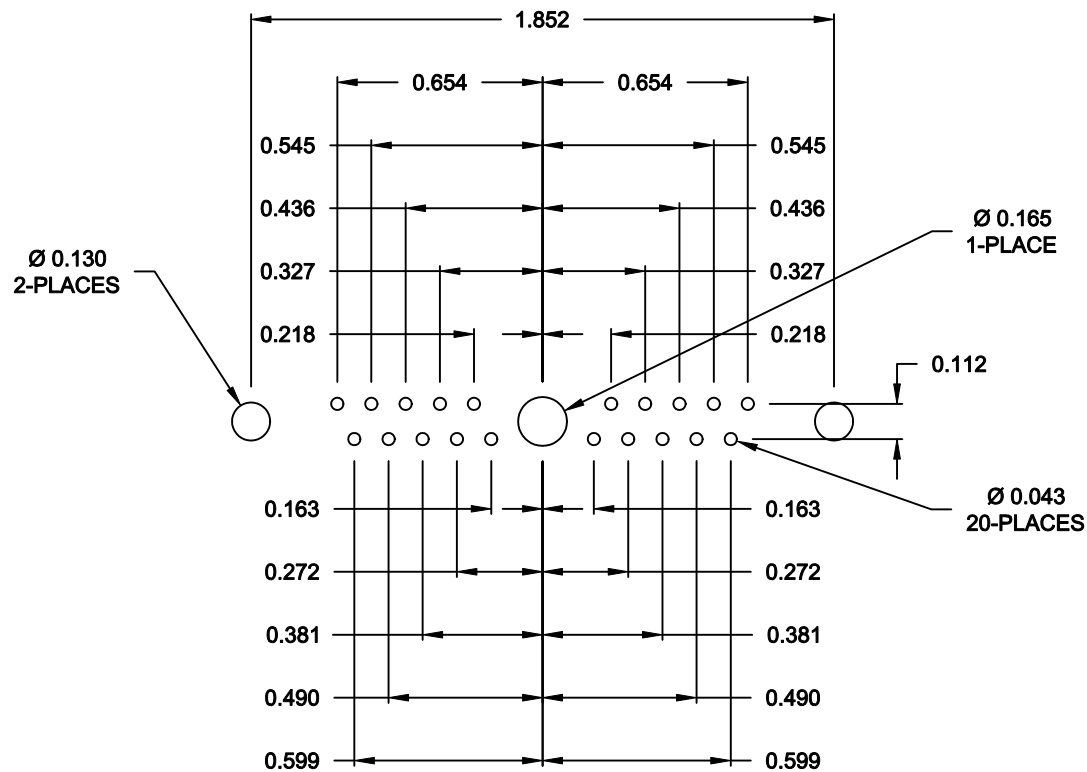
DRAWN: **M. SIGMON** DATE: **06-11-13**

CHECKED: **X** DATE: **X**

**NorComp**


SCALE: **N.T.S.** SHEET **2** OF **3** REV **0**

DWG NO. **681S21W1103L001**



RECOMMENDED PCB LAYOUT

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		CHECKED: <b>X</b>		DATE: <b>X</b>	
NorComp		SCALE: <b>N.T.S.</b>	SHEET <b>3</b> OF <b>3</b>	REV <b>0</b>	
		DWG NO. <b>681S21W1103L001</b>			