

DESCRIPTION: POWER / SIGNAL - IP67 - SOLDER CUP - MALE

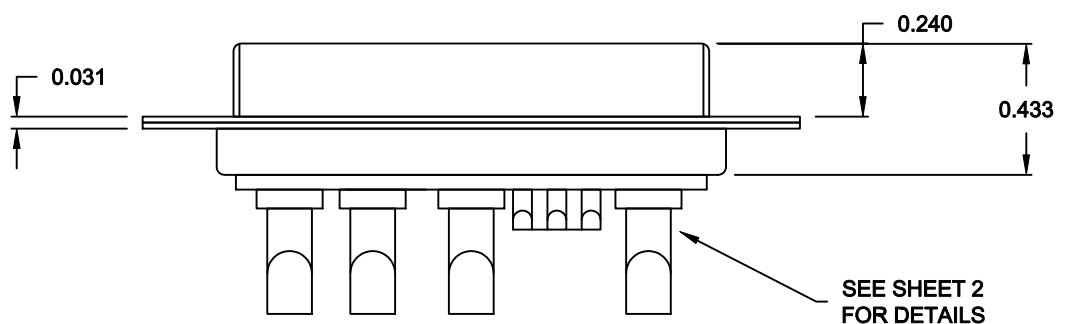
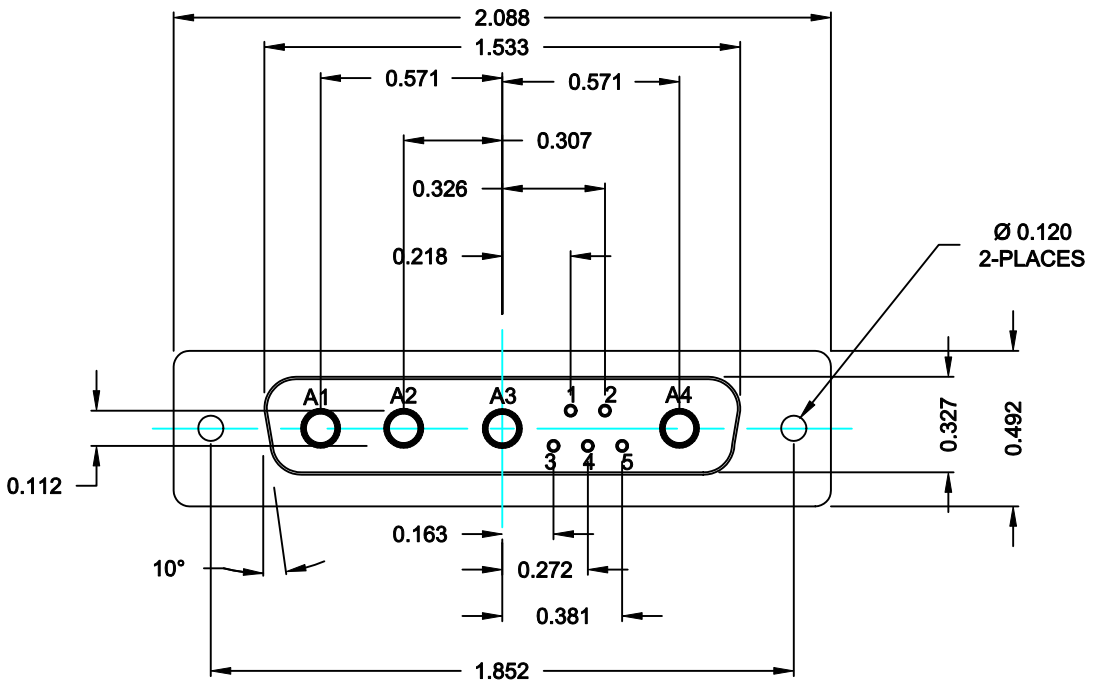
**SPECIFICATIONS:**

**ELECTRICAL:**  
 INSULATOR RESISTANCE: 5 GOHMS Min.  
 DIELECTRIC WITHSTANDING: 1,000VAC r.m.s.  
 OPERATING TEMPERATURE: -55° C ~ +125° 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, BLACK  
 230°C PROCESS TEMP.  
 SHELL: STEEL  
 SEAL: F08 FLEXIBLE ADHESIVE

**FINISH:**  
 SHELL: NICKEL  
 CONTACTS: FULL GOLD FLASH




**680S9W4103LYY1**

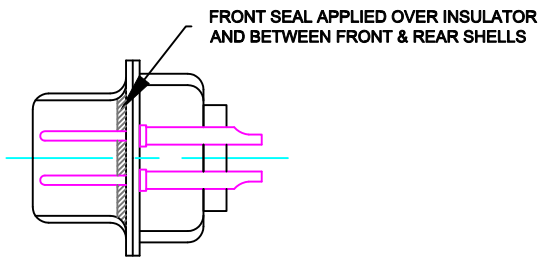
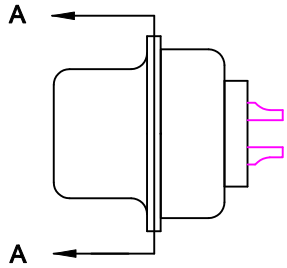
20 = 20 AMPS  
 40 = 40 AMPS

**MEETS IP67 STANDARDS**

(SEE PAGE 2 FOR SEALING DETAILS)

**RoHS COMPLIANT**

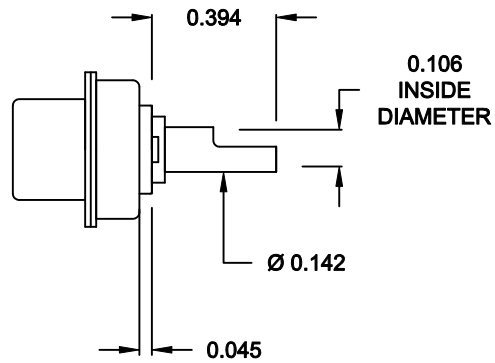
|  |   |                            |                         |                       |
|--|---|----------------------------|-------------------------|-----------------------|
|  | THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF NorComp AND SHALL NOT BE REPRODUCED, COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OF SALE OF APPARATUS WITHOUT WRITTEN PERMISSION. |                            | DRAWN: <b>M. SIGMON</b> | DATE: <b>06-10-13</b> |
|  |   |                            | CHECKED:                | DATE:                 |
| <b>NorComp</b>   | SCALE: <b>N.T.S.</b>  | SHEET <b>1</b> OF <b>2</b> | REV <b>0</b>            |                       |
|  | DWG NO. <b>680S9W4103LYY1</b>   |                            |                         |                       |



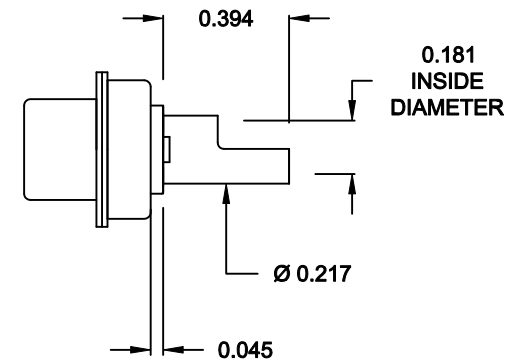
FRONT SEAL APPLIED OVER INSULATOR AND BETWEEN FRONT & REAR SHELLS

DETAIL A-A  
SHOWN FOR REFERENCE ONLY

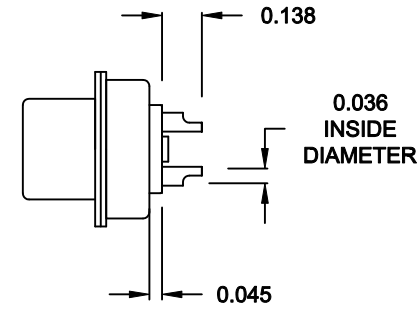
NOTE: SIGNAL AND POWER CONTACTS COME PRE-LOADED INTO INSULATORS



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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DRAWN: **M. SIGMON** DATE: **06-10-13**

CHECKED: DATE:

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

DWG NO. **680S9W4103LYY1**

RoHS COMPLIANT

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