



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



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

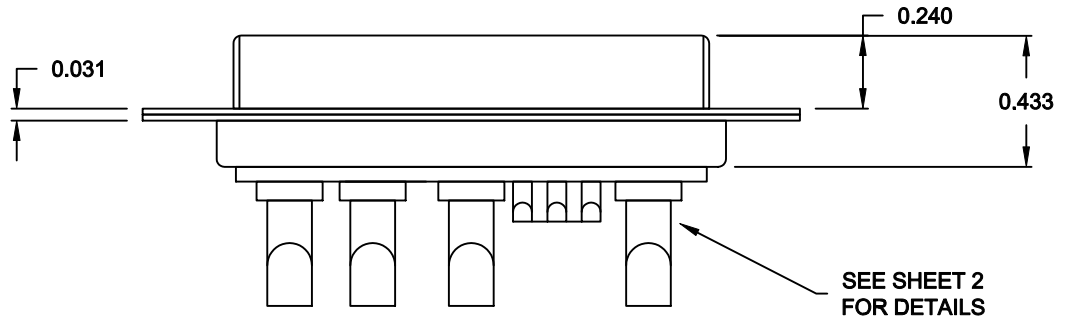
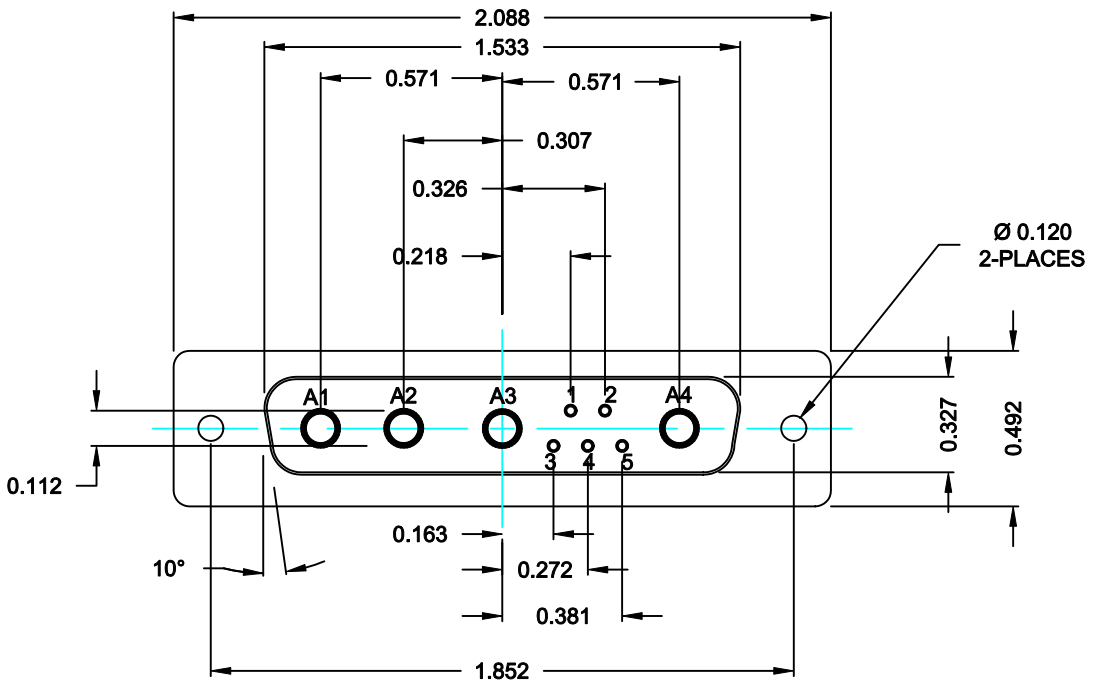
**SPECIFICATIONS:**

**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**

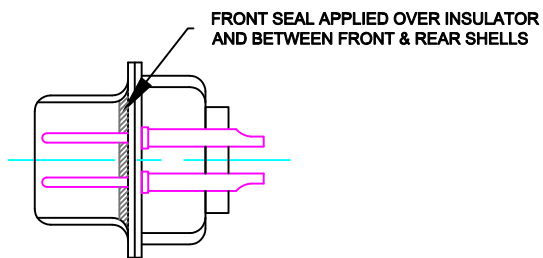
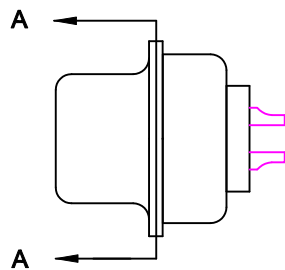
20 = 20 AMPS  
 40 = 40 AMPS

**MEETS IP67 STANDARDS**

(SEE PAGE 2 FOR SEALING DETAILS)

**RoHS COMPLIANT**

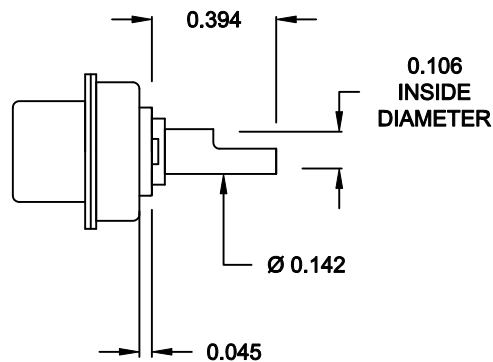
	THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF NorComp AND SHALL NOT BE REPRODUCED, COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OF SALE OF APPARATUS WITHOUT WRITTEN PERMISSION.		DRAWN: <b>M. SIGMON</b>	DATE: <b>06-10-13</b>
			CHECKED:	DATE:
<b>NorComp</b>	SCALE: <b>N.T.S.</b>	SHEET <b>1</b>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



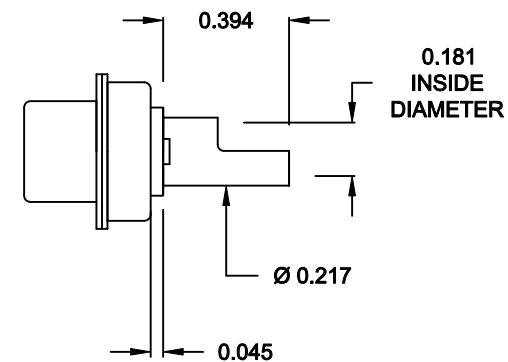
FRONT SEAL APPLIED OVER INSULATOR AND BETWEEN FRONT & REAR SHELLS

DETAIL A-A  
SHOWN FOR REFERENCE ONLY

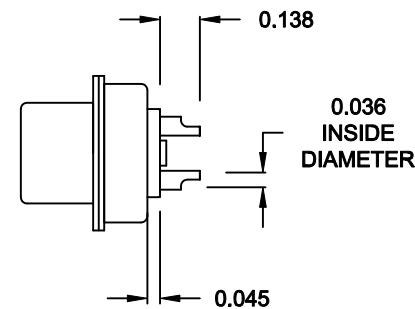
NOTE: SIGNAL AND POWER CONTACTS COME PRE-LOADED INTO INSULATORS



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



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

CHECKED: DATE:

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

DWG NO. **680S9W4103LYY1**

RoHS COMPLIANT

**NorComp**