

**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:**

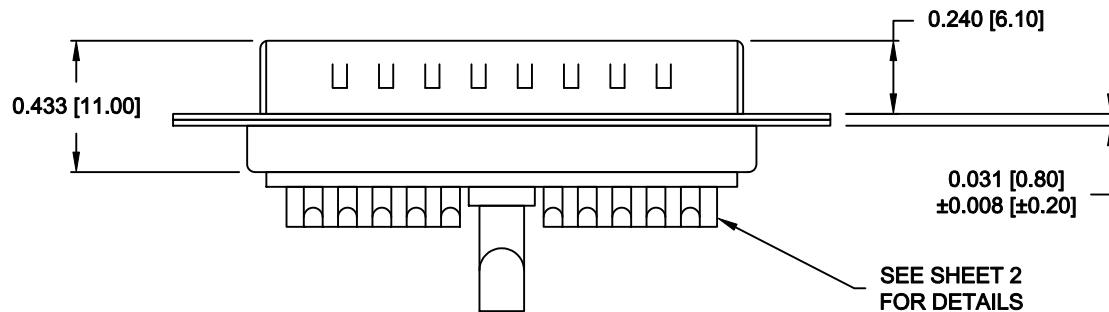
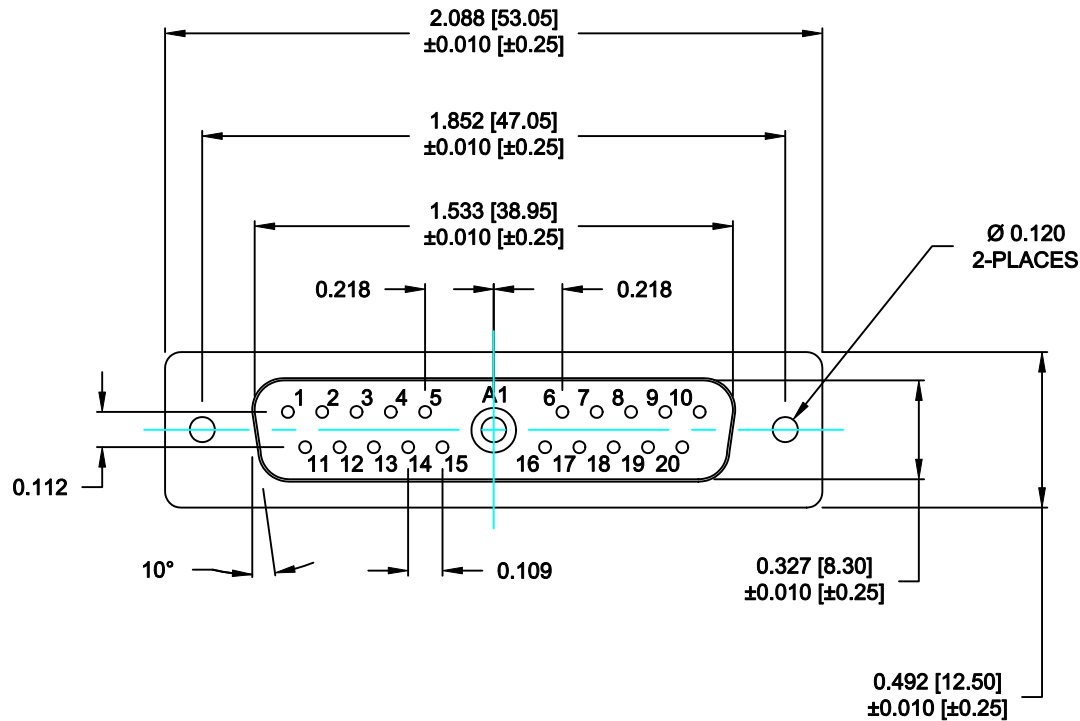
CONTACT INSERTION FORCE: 4.5 Kg Max.  
 CONTACT SEPARATOR FORCE: 0.3Kg Min.

**MATERIALS:**

CONTACTS: COPPER ALLOY  
 INSULATOR: PBT UL94V-0 RATED, BLACK  
 230°C PROCESS TEMP.  
 SHELL: STEEL

**FINISH:**

SHELL: NICKEL  
 CONTACTS: FULL GOLD FLASH



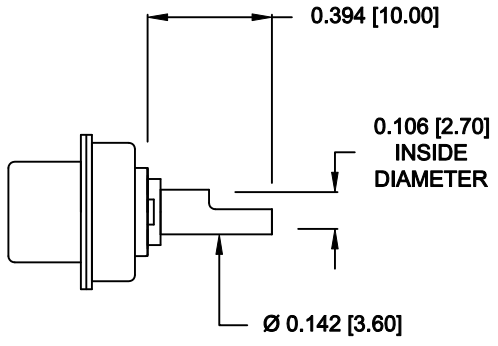
**680M21W1103LYY1**

20 = 20 AMPS  
 40 = 40 AMPS

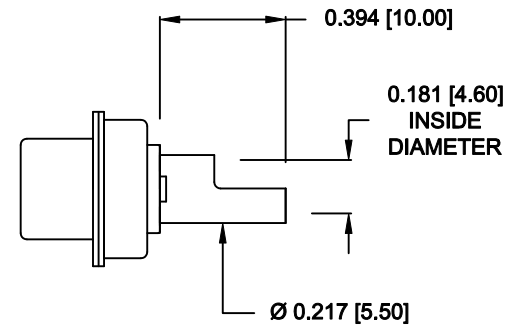
**RoHS COMPLIANT**

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			CHECKED: <b>X</b>	DATE: <b>X</b>
<b>NorComp</b>		SCALE: <b>N.T.S.</b>	SHEET <b>1</b> OF <b>2</b>	REV <b>0</b>
		DWG NO. <b>680M21W1103LYY1</b>		

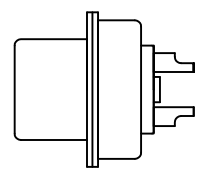
**NOTE:  
SIGNAL AND POWER CONTACTS  
COME PRE-LOADED INTO INSULATORS**



**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**

**DO NOT SCALE FROM DRAWING**

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			CHECKED:	DATE:	
NorComp		SCALE: <b>N.T.S.</b>	SHEET <b>2</b>	OF <b>2</b>	REV <b>0</b>
		DWG NO. <b>680M21W1103LYY1</b>			

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