

## SPECIFICATIONS:

## ELECTRICAL:

INSULATOR RESISTANCE: 5 G OHMS Min.  
 DIELECTRIC WITHSTANDING: 1,000VAC r.m.s.  
 OPERATING TEMPERATURE: -55° C ~ +125° C  
 POWER CONTACT RESISTANCE: 1.0 mOHMS Max.  
 SIGNAL CONTACT RESISTANCE: 2.7 mOHMS Max.  
 POWER PINS: SEE PART NUMBER 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  
 SHELL: 230°C PROCESS TEMP.  
 STEEL

## FINISH:

SHELL: NICKEL  
 CONTACTS: FULL GOLD FLASH

680M11W1203LYY1

2 = 20 AMP  
4 = 40 AMP0 = NO HARDWARE  
1 = 0.098" CN TERMINATION SIDE

1 = GOLD FLASH

\*CONTACT NORCOMP FOR MORE OPTIONS

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 OR SALE OF  
 APPARATUS WITHOUT WRITTEN PERMISSION.

DRAWN:  
 M. SIGMON  
 DATE:  
 07/22/2013

UNITS = inch [mm]

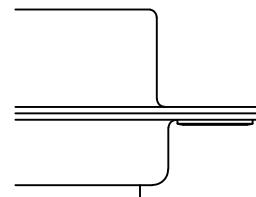
DO NOT SCALE FROM DRAWING

NorComp

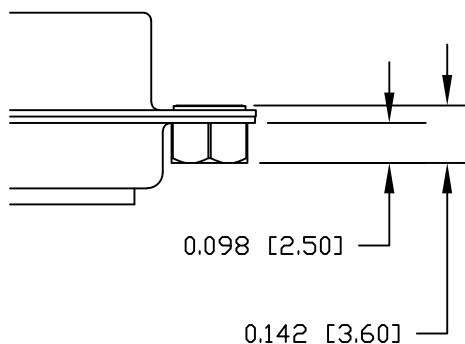
|               |            |         |                 |
|---------------|------------|---------|-----------------|
| SCALE:<br>NTS | SHEET<br>1 | OF<br>2 | REV<br>1        |
| DWG NO.       |            |         | 680M11W1203LYY1 |

## HARDWARE OPTIONS

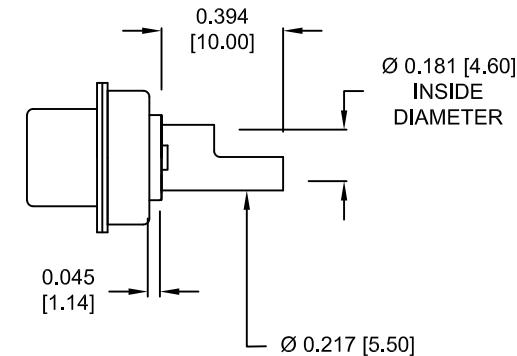
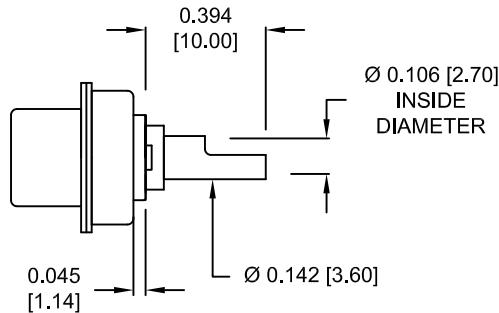
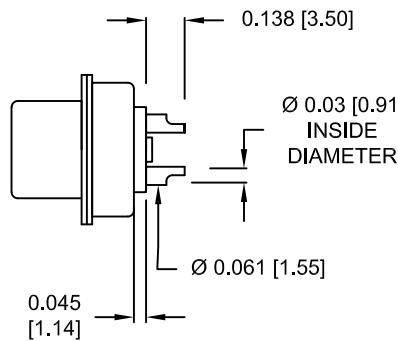
0 ..... NO HARDWARE



1 ..... 0.098" TERMINATION SIDE



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



SIGNAL CONTACTS  
ACCEPTS UP TO 20 AWG WIRE

20 AMP POWER CONTACTS  
ACCEPTS UP TO 12 AWG WIRE

40 AMP POWER CONTACTS  
ACCEPTS UP TO 8 AWG WIRE

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 OR SALE OF  
APPARATUS WITHOUT WRITTEN PERMISSION.

DRAWN:  
M. SIGMON  
DATE:  
07/22/2013

UNITS = inch [mm]

DO NOT SCALE FROM DRAWING

NorComp

|                            |            |         |          |
|----------------------------|------------|---------|----------|
| SCALE:<br>NTS              | SHEET<br>2 | OF<br>2 | REV<br>1 |
| DWG NO.<br>680M11W1203LYY1 |            |         |          |

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

NorComp:

[680M11W1203L401](#) [680M11W1203L201](#)