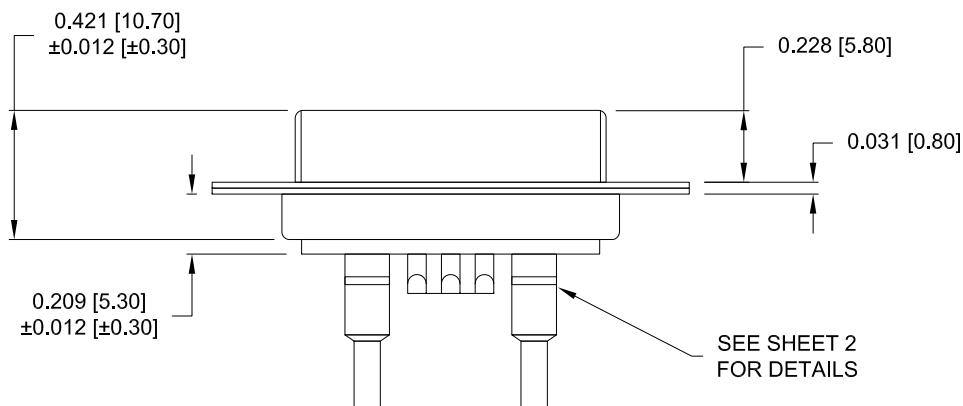
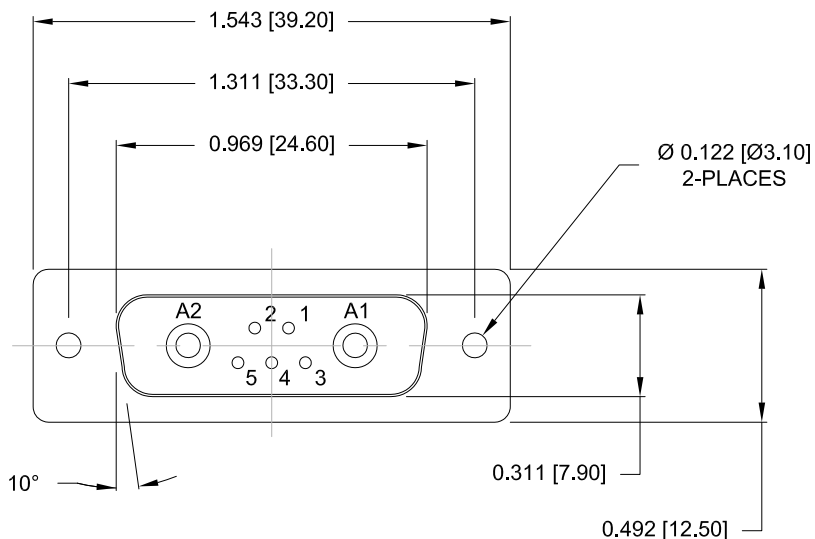


DESCRIPTION: 7W2 // F // COAXIAL // SIGNAL // CBL MNT



## SPECIFICATIONS:

### ELECTRICAL:

|                             |                     |
|-----------------------------|---------------------|
| INSULATOR RESISTANCE:       | 5 GOHMS Min.        |
| WORKING VOLTAGE:            | 250V                |
| OPERATING TEMPERATURE:      | -55° C ~ +125° C    |
| SIGNAL CONTACT RESISTANCE:  | 10 Milliohms Max.   |
| SIGNAL CURRENT RATING:      | 5 AMPS              |
| COAXIAL CONTACT RESISTANCE: | 2.7 Milliohms Max.  |
| COAXIAL PIN:                | SEE PART NUMBER KEY |

### MECHANICAL:

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

### MATERIALS:

|            |                                           |
|------------|-------------------------------------------|
| CONTACTS:  | COPPER ALLOY                              |
| INSULATOR: | PBT UL94V-0 RATED,<br>230°C PROCESS TEMP. |
| SHELL:     | STEEL                                     |
| FINISH:    |                                           |
| SHELL:     | NICKEL                                    |
| CONTACTS:  | FULL GOLD FLASH                           |

# 682M7W2203LYYY

0 = 50 OHM  
(CONTACT NORCOMP) 7 = 75 OHM

1 = Gold Flash

- 0 = NO HARDWARE
- 1 = 0.098" CN PCB SIDE
- 2 = 0.236" CN PCB SIDE
- 3 = 0.236" CN MATING SIDE

RoHS COMPLIANT

UNITS = INCHES [MM] DO NOT SCALE FROM DRAWING



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.

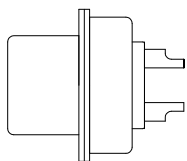
DRAWN:  
M. SIGMON  
DATE:  
02/23/2015

# NorComp

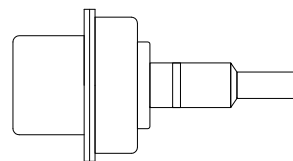
|               |                |         |          |
|---------------|----------------|---------|----------|
| SCALE:<br>NTS | SHEET<br>1     | OF<br>3 | REV<br>1 |
| DWG NO:       | 682M7W2203L001 |         |          |

NOTE:

- COAXIAL CONTACTS SUPPLIED - NOT PRE-LOADED
- PLEASE SEE NORCOMP 682M SERIES WEBSITE PRODUCT PAGE FOR ASSEMBLY INSTRUCTION PDF AND INDIVIDUAL CONTACT DRAWING PDFS



SIGNAL CONTACTS  
ACCEPTS UP TO 20 AWG WIRE



50 OHM COAXIAL CONTACT\*  
ACCEPTS 50 OHM COAX, RG316/RG174  
\*75 OHM (CONTACT NORCOMP)

RoHS COMPLIANT

UNITS = INCHES [MM] DO NOT SCALE FROM DRAWING



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:  
02/23/2015

**NorComp**

SCALE:  
NTS

SHEET OF  
2 3

REV  
1

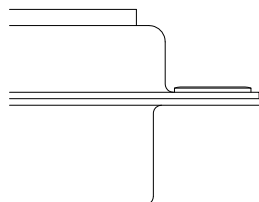
DWG NO: 682M7W2203L001

TOLERANCE:

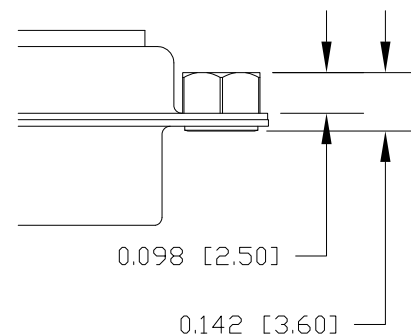
ALL DIMENSIONS ARE  $\pm 0.010$ 

## ALL CLINCH-NUTS ARE 4-40 INTERNAL THREADS

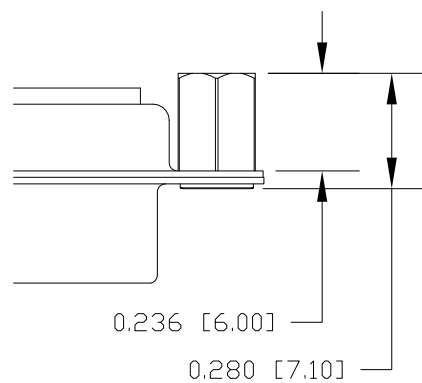
0 ..... NO HARDWARE



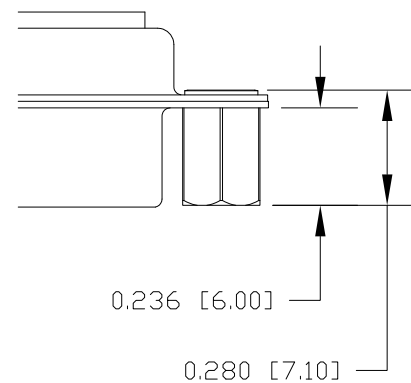
1 ..... 0.098" PCB SIDE



2 ..... 0.236" PCB SIDE



3 ..... 0.236" MATING SIDE



RoHS COMPLIANT

UNITS = INCHES [MM] DO NOT SCALE FROM DRAWING



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:  
02/23/2015

**NorComp**

SCALE:  
NTS

SHEET 3 OF 3

REV  
1

DWG NO: 682M7W2203L001

# Mouser Electronics

Authorized Distributor

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

[NorComp:](#)

[682M7W2203L011](#) [682M7W2203L001](#)