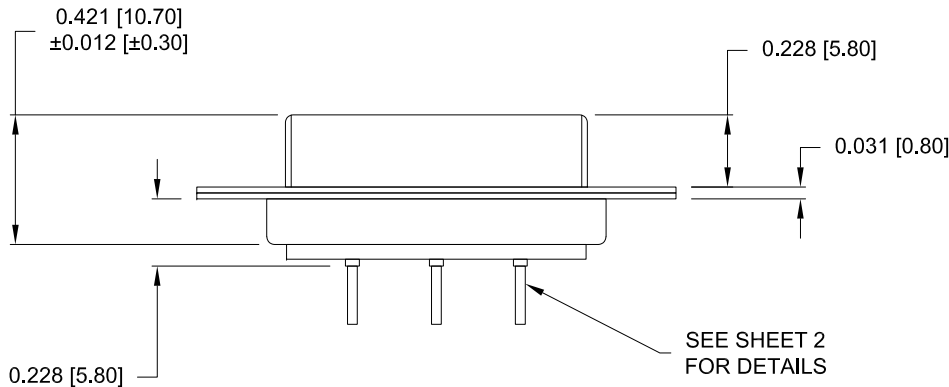
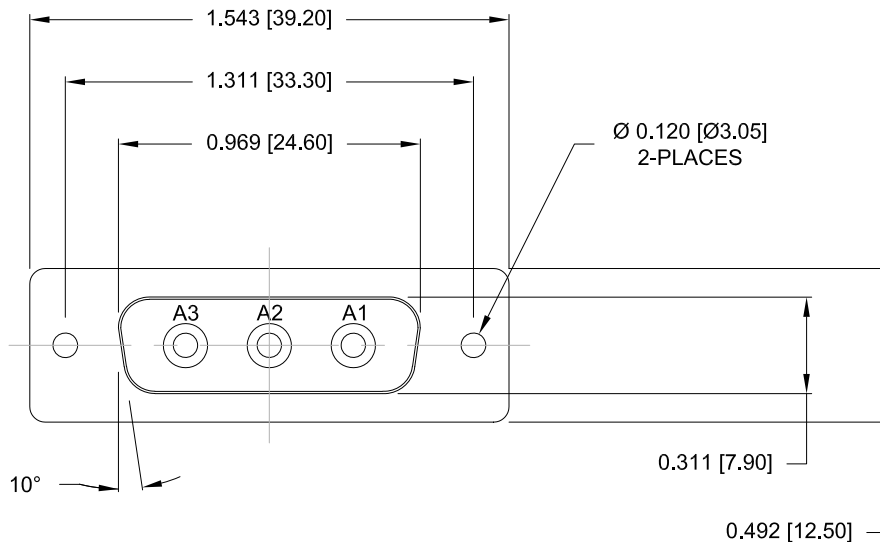


DESCRIPTION: 3W3 // F // COAXIAL // PCB MOUNT



## SPECIFICATIONS:

### ELECTRICAL:

INSULATOR RESISTANCE: 5 GOHMS Min.  
OPERATING TEMPERATURE: -55° C ~ +125° C  
CONTACT RESISTANCE: 2.7 Milliohms Max.  
COAXIAL CONTACT IMPEDANCE: 50 OHM

### 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

# 683M3W3203LYYY

0 = 50 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  
4 = 0.237" BOARDLOCK PCB SIDE  
5 = 0.224" BOARDLOCK PCB SIDE

## RoHS COMPLIANT



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M. SIGMON

DATE:

03/12/2015

UNITS = INCHES [MM] DO NOT SCALE FROM DRAWING

# NorComp

SCALE:

NTS

SHEET

OF

1

3

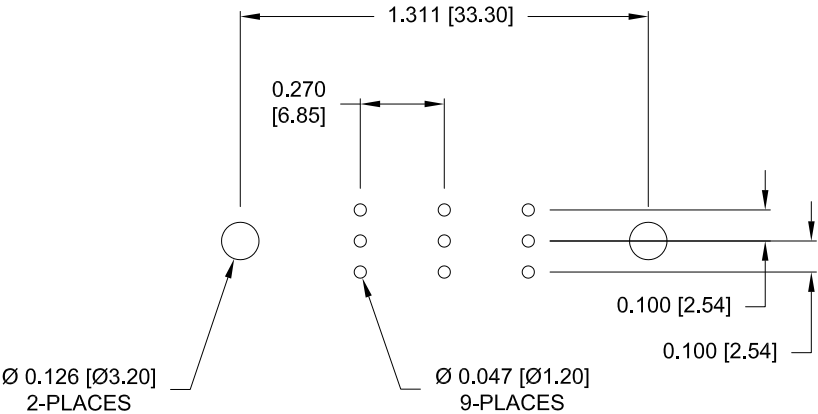
REV

2

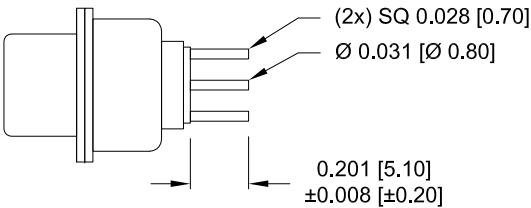
DWG NO:

683M3W3203LYYY

NOTE:  
COAXIAL CONTACTS COME  
PRE-LOADED INTO INSULATORS



RECOMMENDED PCB LAYOUT



50 OHM COAXIAL CONTACT

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DATE:  
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SCALE:  
NTS

SHEET OF  
2 3

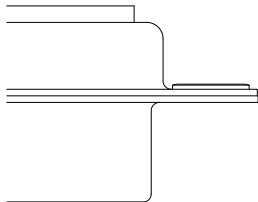
REV  
2

DWG NO: 683M3W3203LYYY

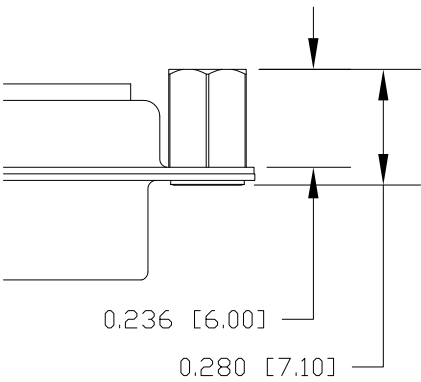
ALL CLINCH-NUTS ARE 4-40 INTERNAL THREADS

TOLERANCE:  
ALL DIMENSIONS ARE ±0.010

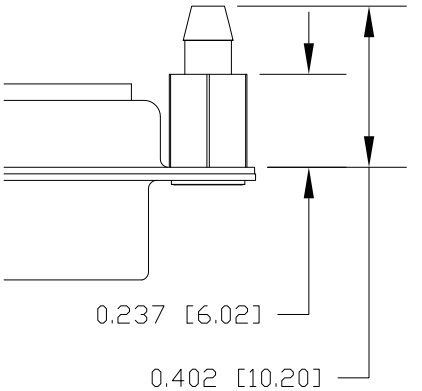
0 ..... NO HARDWARE



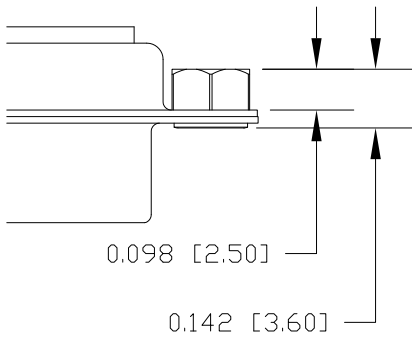
2 ..... 0.236" PCB SIDE



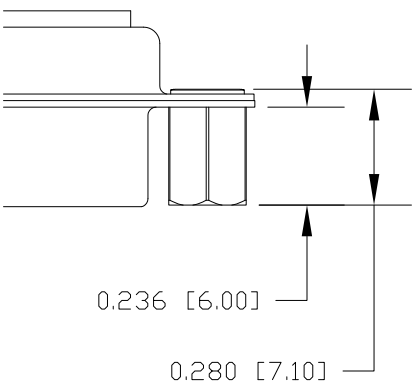
4 ..... 0.237" PCB SIDE



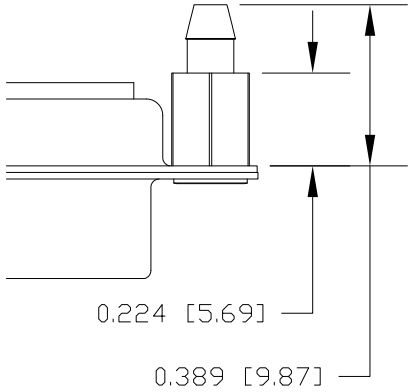
1 ..... 0.098" PCB SIDE



3 ..... 0.236" MATING SIDE



5 ..... 0.224" PCB SIDE



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SCALE:  
NTS

SHEET OF  
3 3

REV  
2

DWG NO: 683M3W3203LYYY

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