

DESCRIPTION: 8W8 // F // COAXIAL // PCB MOUNT

SPECIFICATIONS:

ELECTRICAL:

INSULATOR RESISTANCE: 5 GOHMS Min.
OPERATING TEMPERATURE: -55° C ~ +135° C
CONTACT RESISTANCE: 2.7 Milliohms Max.
COAXIAL CONTACT IMPEDANCE: 50 OHM

MECHANICAL:

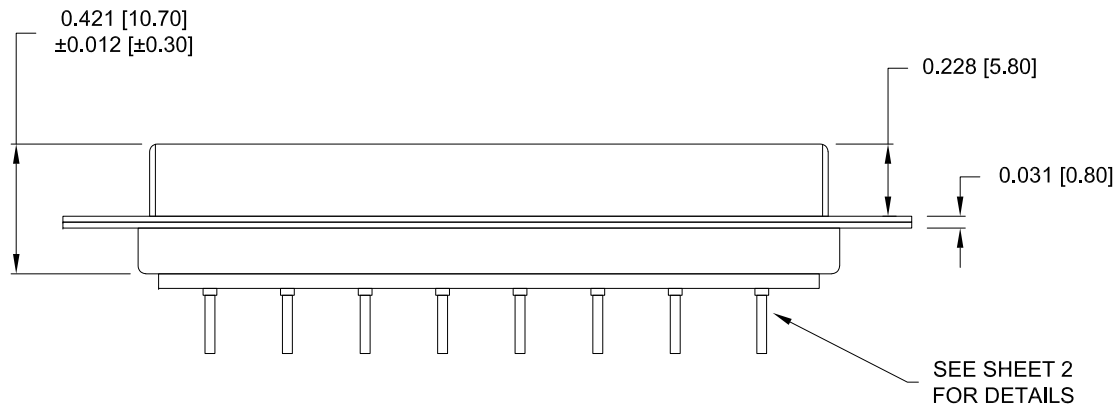
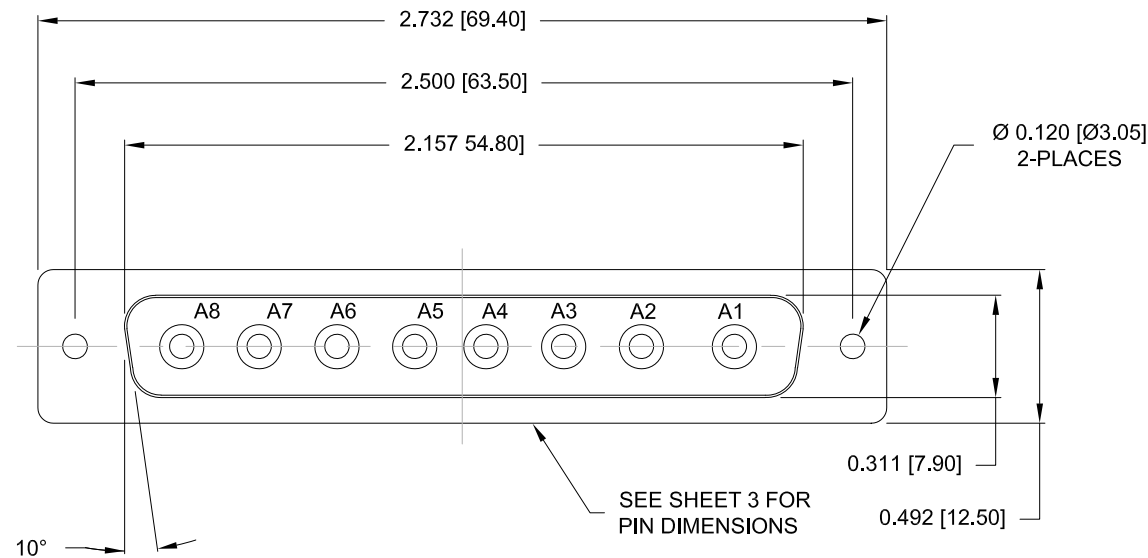
CONTACT INSERTION FORCE: 4.5 Kg Max.
CONTACT SEPARATOR FORCE: 0.3Kg Min.

MATERIALS:

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

FINISH:

SHELL: NICKEL
CONTACTS: FULL GOLD FLASH



683M8W8203LYYY

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

UNITS = INCHES [MM] DO NOT SCALE FROM DRAWING



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DRAWN:

M. SIGMON

DATE:

05/14/2014

NorComp

SCALE:
NTS

SHEET OF
1 3

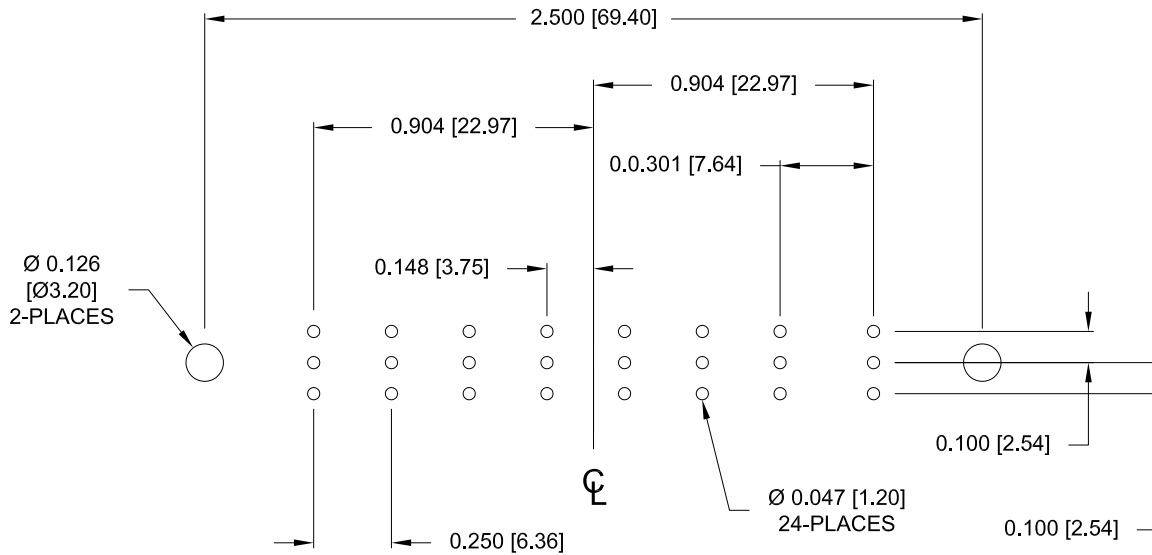
REV
3

DWG NO:

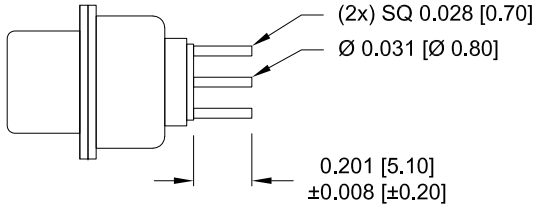
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NOTE:
COAXIAL CONTACTS COME
PRE-LOADED INTO INSULATORS



RECOMMENDED PCB LAYOUT



50 OHM COAXIAL CONTACT

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SHEET 2 OF 3

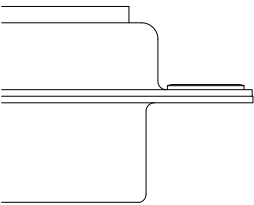
REV
3

DWG NO: 683M8W8203LYYY

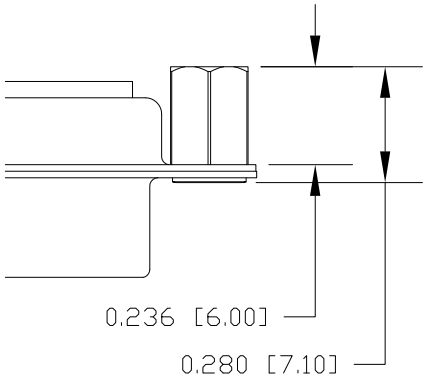
ALL CLINCH-NUTS ARE 4-40 INTERNAL THREADS

TOLERANCE:
ALL DIMENSIONS ARE ±0.010

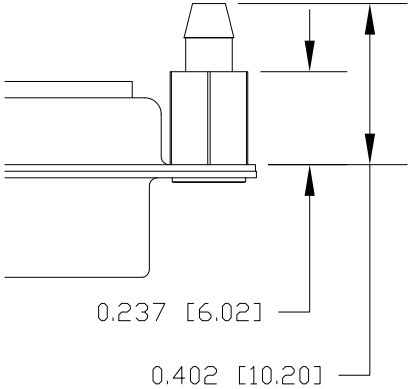
0 NO HARDWARE



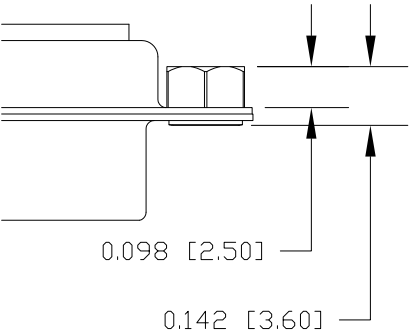
2 0.236" PCB SIDE



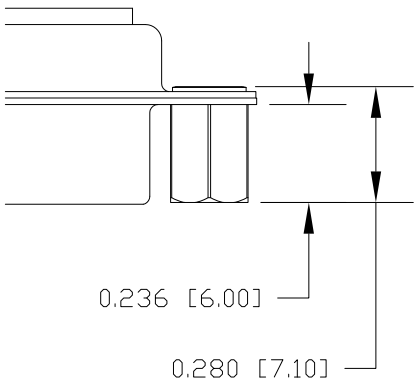
4 0.237" PCB SIDE



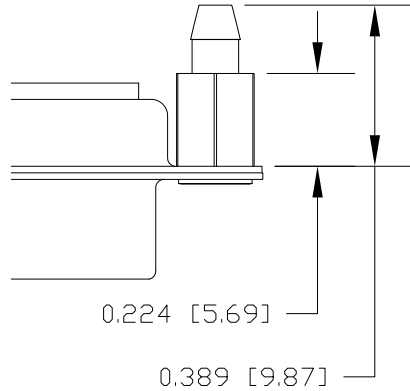
1 0.098" PCB SIDE



3 0.236" MATING SIDE



5 0.224" PCB SIDE



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