

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

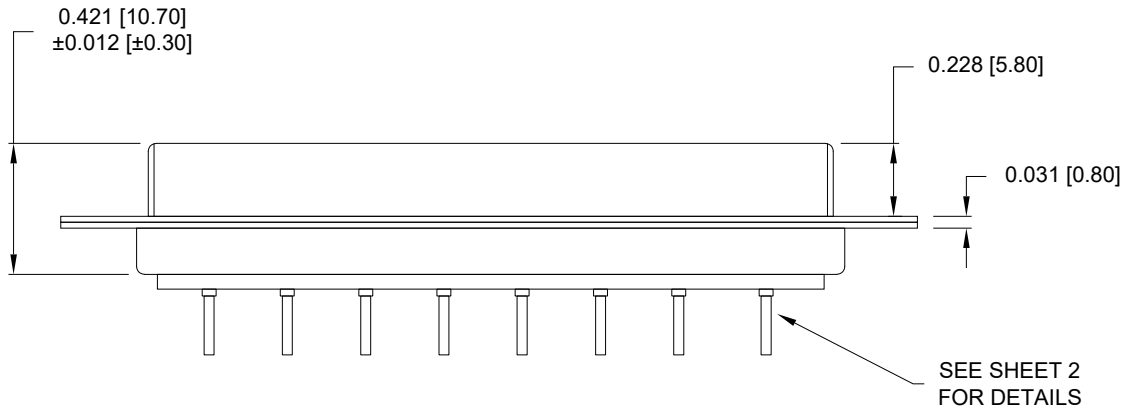
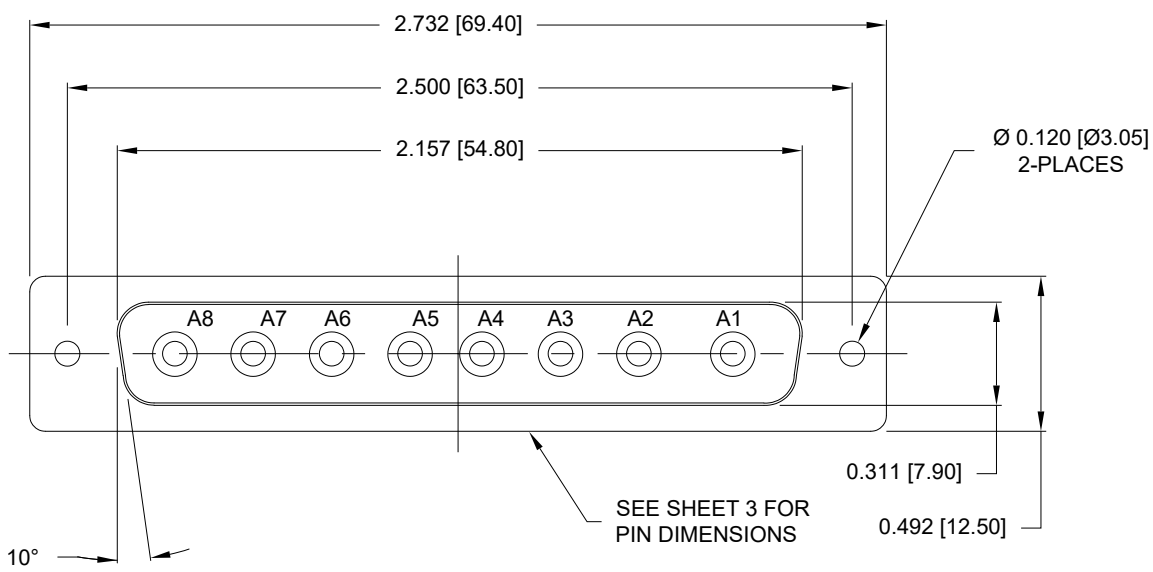
SPECIFICATIONS:

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**

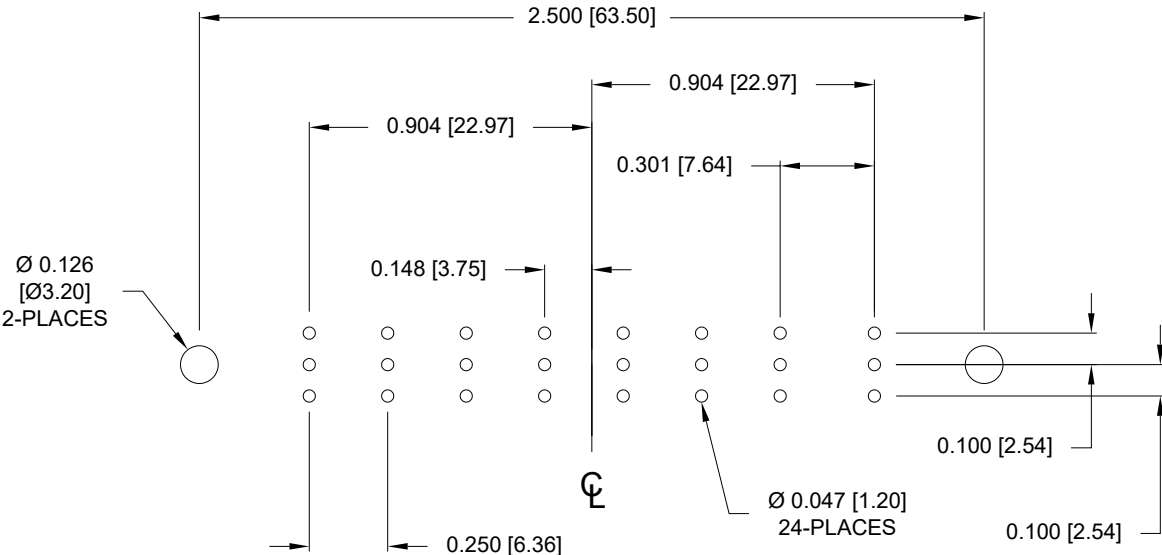
NC
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DRAWN: M. SIGMON
 DATE: 05/14/2014

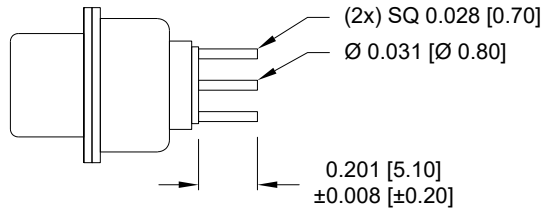
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SCALE: NTS	SHEET 1 OF 3	REV 4
DWG NO: 683M8W8203LYYY		

NOTE:
COAXIAL CONTACTS COME
PRE-LOADED INTO INSULATORS



RECOMMENDED PCB LAYOUT



50 OHM COAXIAL CONTACT

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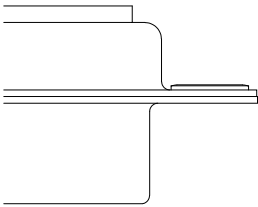
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SCALE: NTS	SHEET 2	OF 3	REV 4
DWG NO:		683M8W8203LYYY	

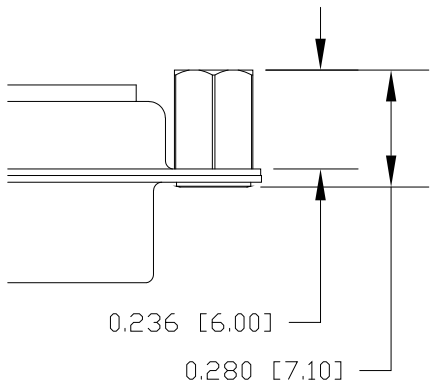
ALL CLINCH-NUTS ARE 4-40 INTERNAL THREADS

TOLERANCE:
ALL DIMENSIONS ARE ±0.010

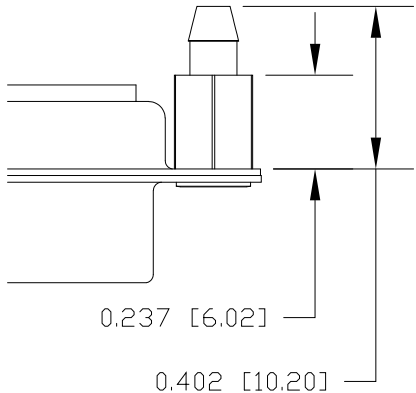
0 NO HARDWARE



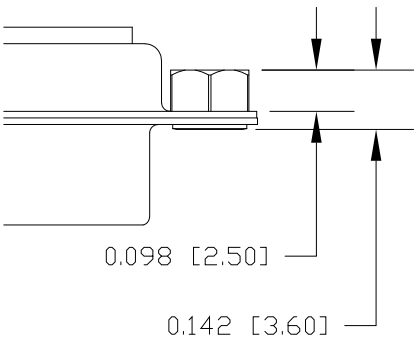
2 0.236" PCB SIDE



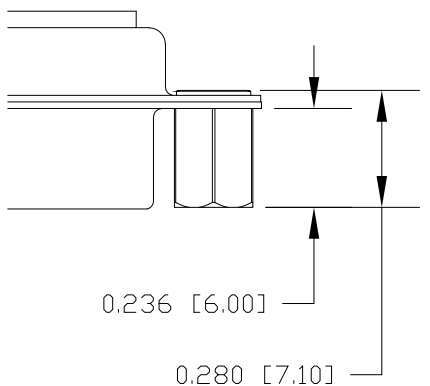
4 0.237" PCB SIDE



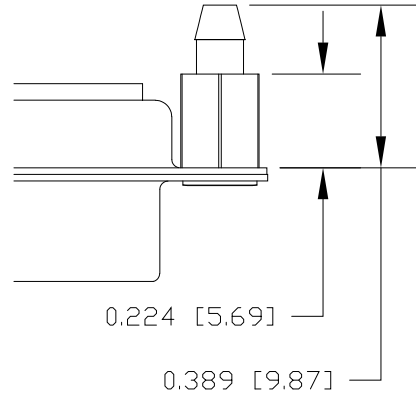
1 0.098" PCB SIDE



3 0.236" MATING SIDE



5 0.224" PCB SIDE



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