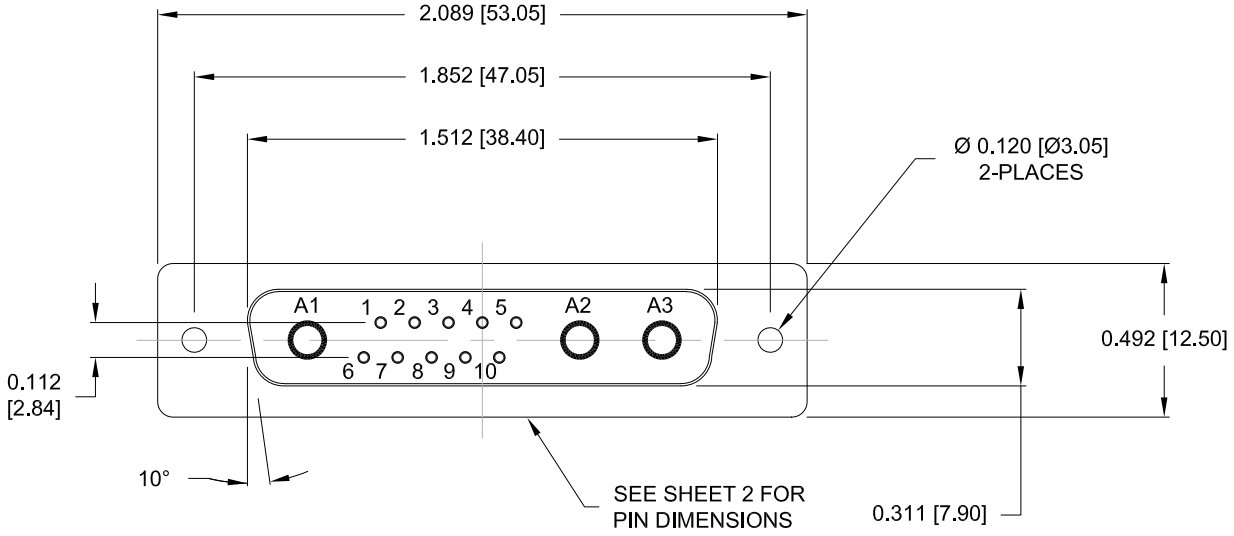
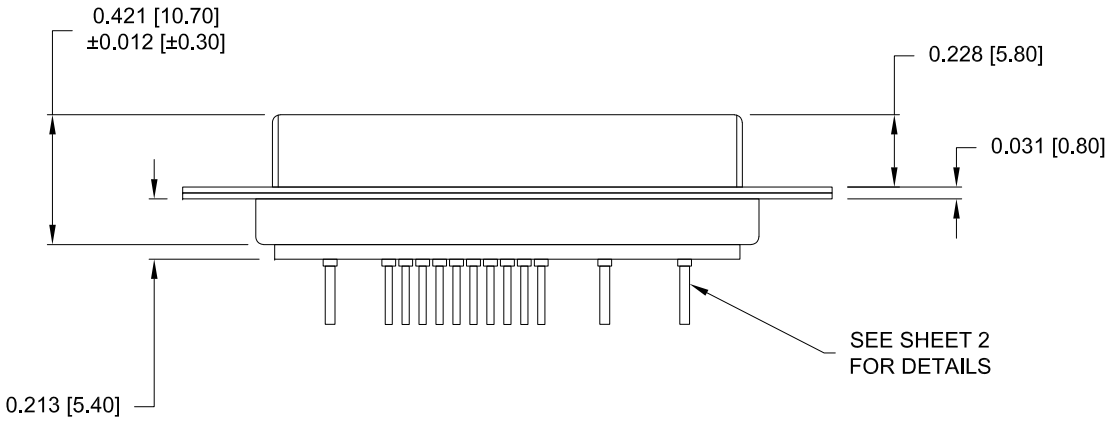
DESCRIPTION: 13W3 // F // COAXIAL // PCB MOUNT





SPECIFICATIONS:

ELECTRICAL:

INSULATOR RESISTANCE:	10,000 GOHMS Min.
DIELECTRIC WITHSTANDING:	1,000VAC r.m.s.
OPERATING TEMPERATURE:	-55° C ~ +125° C
COAXIAL CONTACT IMPEDANCE:	50 OHMS
SIGNAL CONTACT RESISTANCE:	10 MilliOHMS Max.
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, 230°C PROCESS TEMP. BLACK
SHELL:	STEEL

FINISH:

SHELL:	NICKEL
CONTACTS:	FULL GOLD FLASH

683M13W3203LYYY

- 0 = 50 OHM
- 1 = Gold Flash
- L:
  - 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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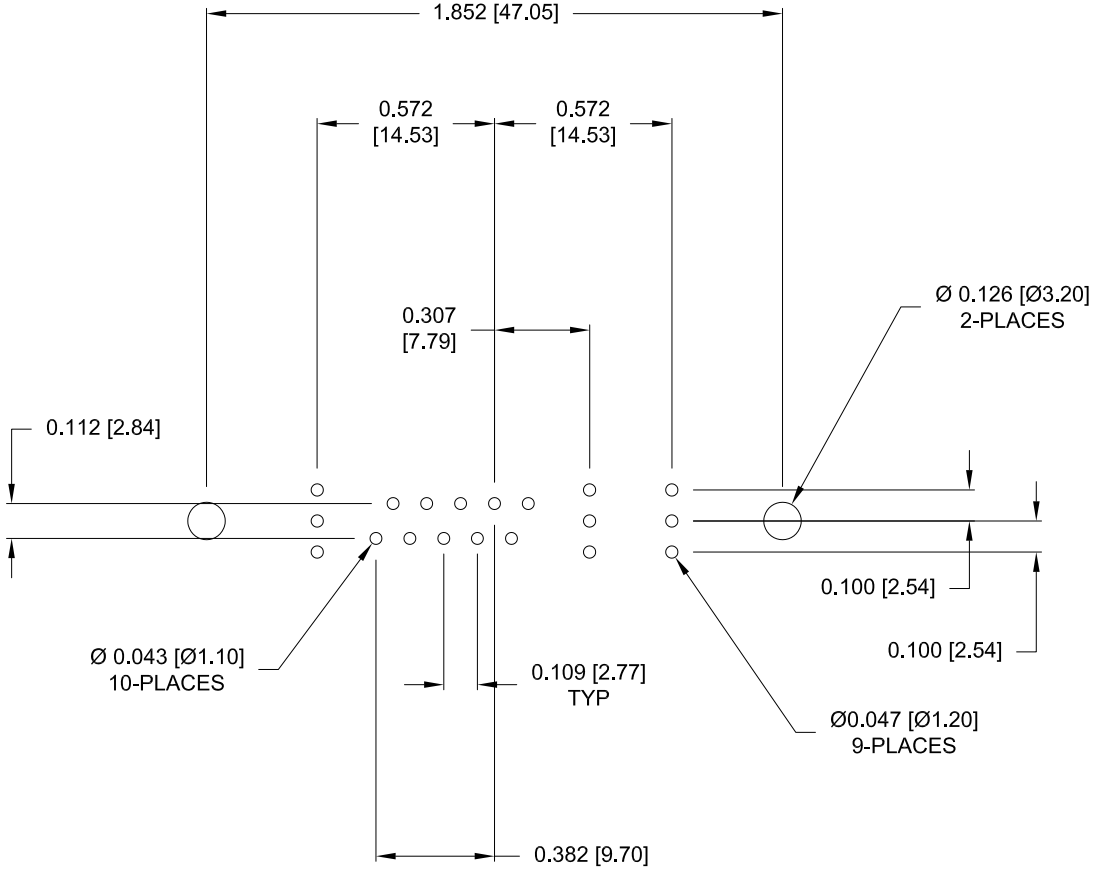
DRAWN:	M. SIGMON
DATE:	02/18/2014

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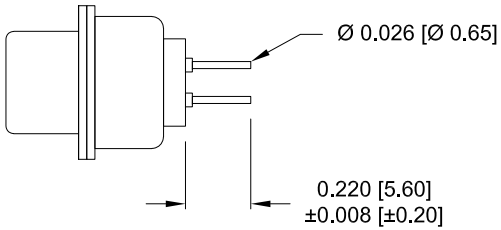
SCALE: NTS	SHEET 1 OF 3	REV 2
DWG NO: 683M13W3203LYYY		

DESCRIPTION: 13W3 // F // COAXIAL // PCB MOUNT

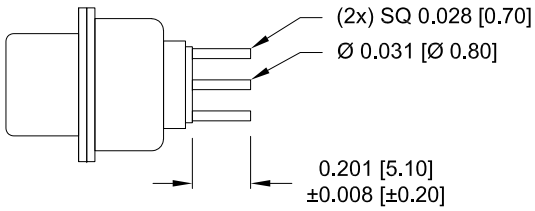
NOTE:
COAXIAL CONTACTS COME
PRE-LOADED INTO INSULATORS



RECOMMENDED PCB LAYOUT



SIGNAL CONTACTS



50 OHM COAXIAL CONTACT

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DRAWN:	DATE:
M. SIGMON	02/18/2014

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SCALE:	SHEET	OF	REV
NTS	2	3	2

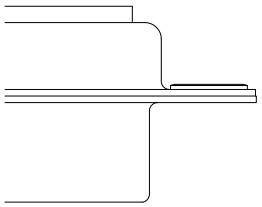
DWG NO: 683M13W3203LYYY

DESCRIPTION: 13W3 // F // COAXIAL // PCB MOUNT

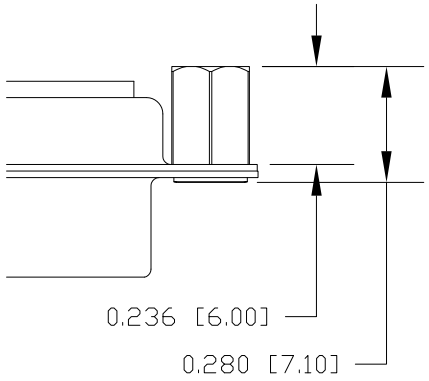
ALL CLINCH-NUTS ARE 4-40 INTERNAL THREADS

TOLERANCE:
ALL DIMENSIONS ARE ±0.010

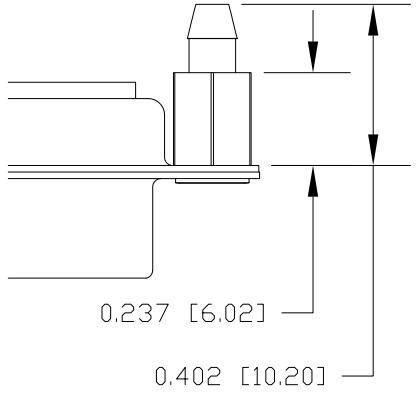
0 ..... NO HARDWARE



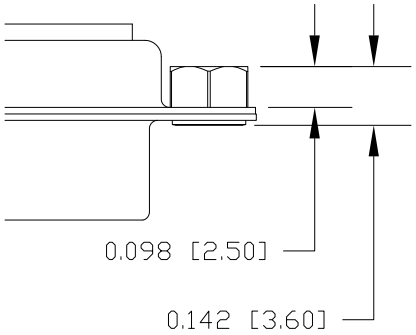
2 ..... 0.236" PCB SIDE



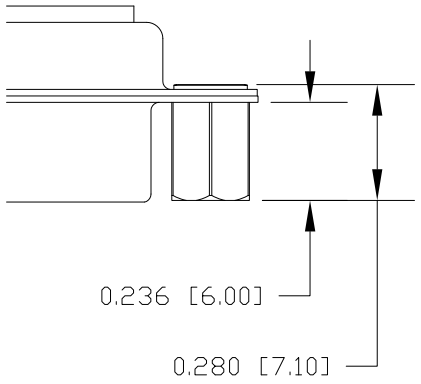
4 ..... 0.237" PCB SIDE



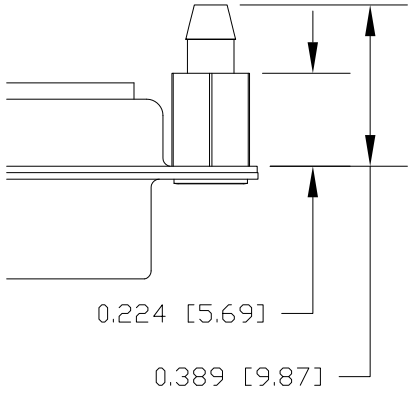
1 ..... 0.098" PCB SIDE



3 ..... 0.236" MATING SIDE



5 ..... 0.224" PCB SIDE



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DRAWN:	DATE:
M. SIGMON	02/18/2014

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SCALE:	SHEET	OF	REV
NTS	3	3	2

DWG NO: 683M13W3203LYYY