

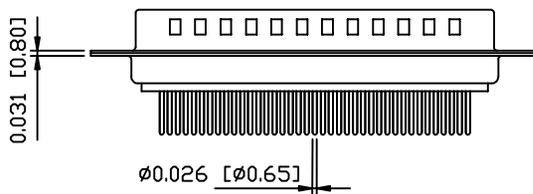
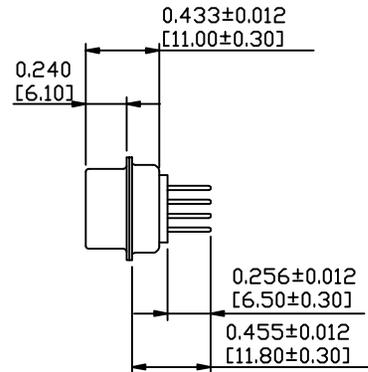
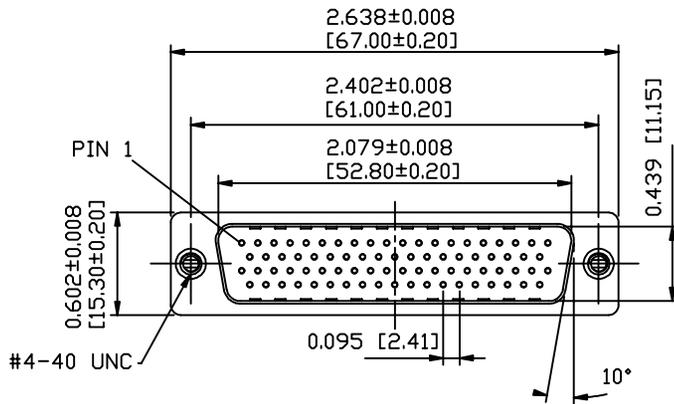
SPECIFICATIONS:

**ELECTRICAL:**

INSULATION RESISTANCE:	5 GΩ MIN.
DIELECTRIC WITHSTANDING VOLTAGE:	1000 VAC FOR 1 MIN
OPERATING TEMPERATURE:	-55°C TO +125°C
CONTACT RESISTANCE:	10 mΩ MAX.
CONTACT AMPERAGE:	3 AMPS

**MATERIALS:**

CONTACTS:	BRASS, SEE P/N KEY FOR PLATING
INSULATOR:	PA6T, UL94 V-0 RATED, BLACK 260°C PROCESS TEMP.
SHELL:	NICKEL PLATED STEEL
HARDWARE:	NICKEL PLATED BRASS



**180-M78-1YYRYYY**

SERIES	180
MACHINED CONTACTS	M78
POSITIONS	78
GENDER	1 = MALE
CONTACT LENGTH	1 = 0.256"
SHELL PLATING	3 = NICKEL (GROUND INDENTS)
HIGH TEMP INSULATOR (260°C)	
HARDWARE OPTIONS	
00 = NO HARDWARE, Ø.120" HOLE	
01 = .098" CLINCH NUT (BOARD SIDE)	
02 = .236" CLINCH NUT (BOARD SIDE)	
03 = .236" CLINCH NUT (MATING SIDE)	
05 = .224" BOARD LOCK (BOARD SIDE)	
S5 = .237" BOARD LOCK (BOARD SIDE)	
91 = .224" 4-40 SPACER/BOARD LOCK	
PLATING OPTIONS	
1 = GOLD FLASH, ENTIRE CONTACT	
2 = 30u" GOLD, ENTIRE CONTACT	

RoHS COMPLIANT

UNITS = inch [mm]

DO NOT SCALE FROM DRAWING



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DRAWN:  
B. BRIDGES

DATE:  
10/27/2017

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SCALE:  
NTS

SHEET OF  
1 3

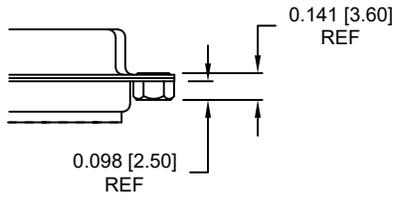
REV  
2

DWG NO.

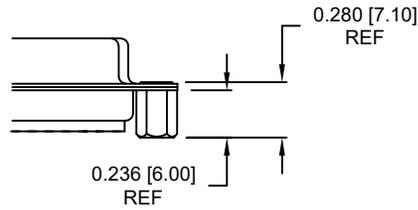
180-M78-113RYYY

ALL CLINCH-NUTS ARE 4-40 INTERNAL THREADS

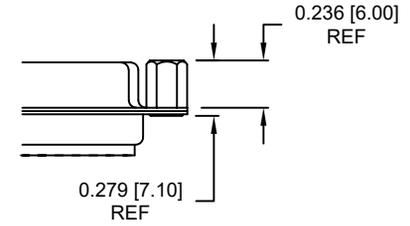
01 ..... 0.098" BOARD SIDE



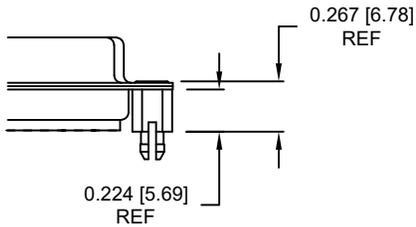
02 ..... 0.236" BOARD SIDE



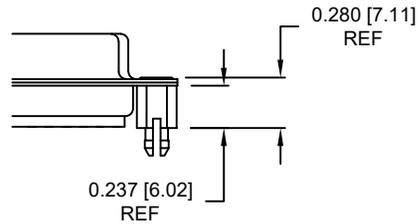
03..... 0.236" MATING SIDE



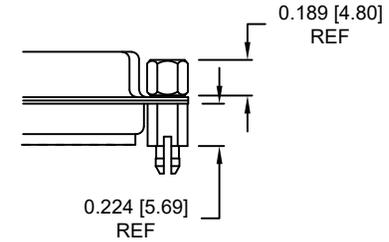
05 ..... 0.224" BOARD SIDE



S5 ..... 0.237" BOARD SIDE



91 ..... 0.224" BOARD SIDE  
0.189" MATING SIDE



NOTE: 4-40 FEMALE SCREW LOCK IS REMOVABLE

RoHS COMPLIANT

UNITS = inch [mm]

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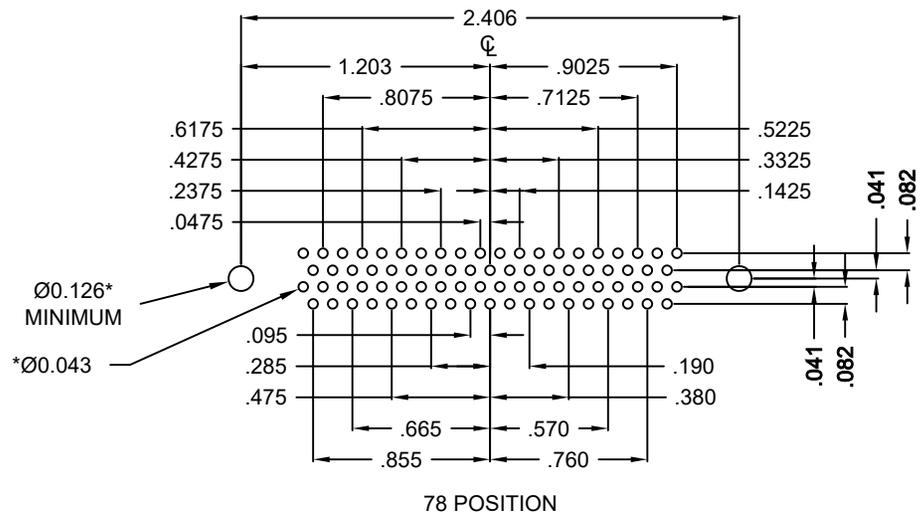
SCALE:  
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SHEET OF  
2 3

REV  
2

DWG NO.

180-M78-113RYYY



\* TYP.  
SUGGESTED SIZE  
MAY NOT BE SUITABLE FOR ALL APPLICATIONS

RoHS COMPLIANT

UNITS = inch

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