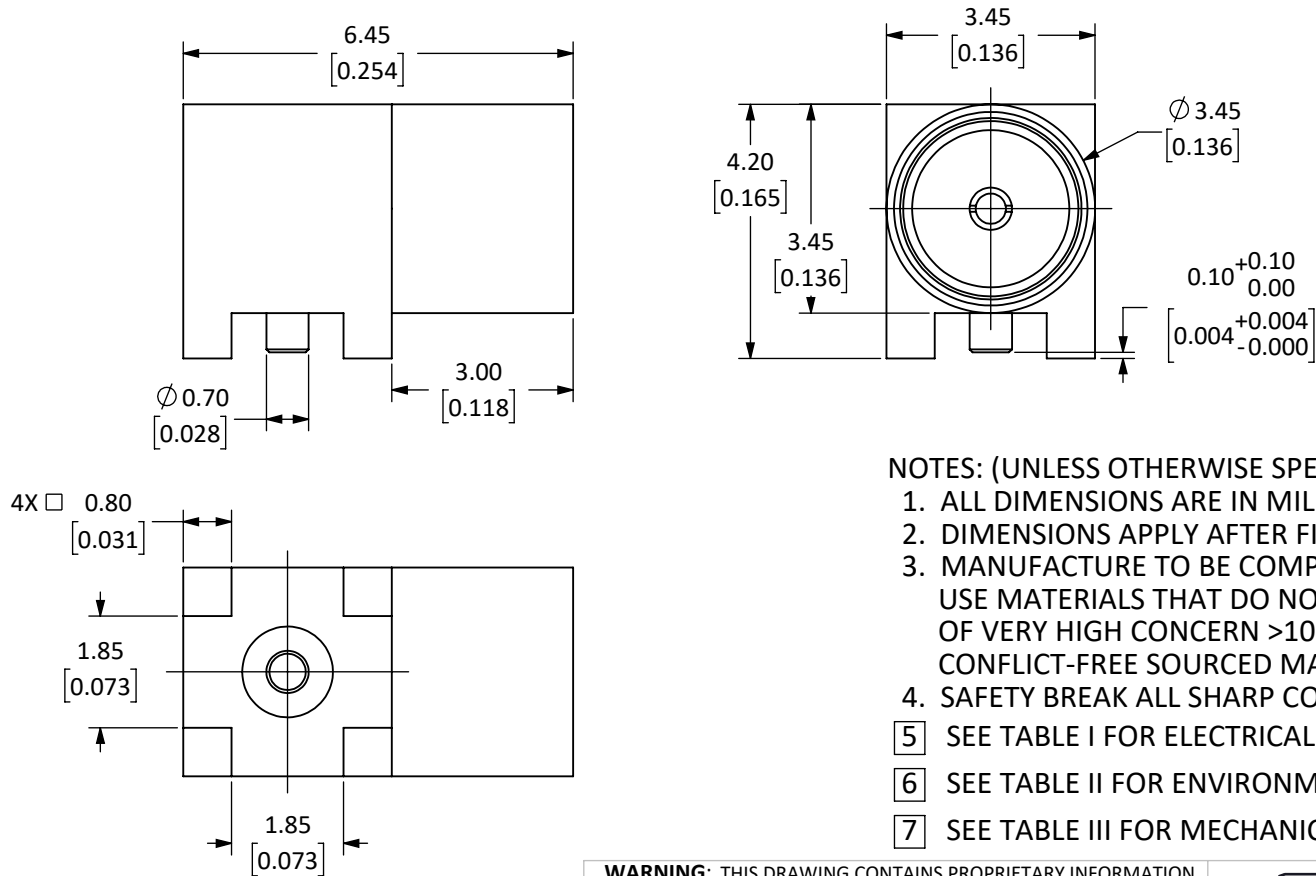


Connector: MMCX Jack (Female Socket)		
Termination: PCB Surface Mount		
Connector Part	Material	Finish
Bodies	Body: Brass	Gold
Center Contact	Pin: Be Cu	Gold
Insulator	PTFE	-

REVISIONS			
REV	DESCRIPTION	DATE	APPV
C	ADDED NEW TITLE BLOCK.	11-JUN-12	SAH
D	UPDATED SHEET SIZE/DIMENSIONS. ADDED DETAIL VIEW.	3-JUL-18	CLL
E	ADDED TAPE AND REEL SPECIFICATIONS	4-MAR-20	CLL



**NOTES: (UNLESS OTHERWISE SPECIFIED)**

1. ALL DIMENSIONS ARE IN MILLIMETERS [INCHES].
2. DIMENSIONS APPLY AFTER FINISHING.
3. MANUFACTURE TO BE COMPLIANT WITH EU RoHS DIRECTIVE, USE MATERIALS THAT DO NOT CONTAIN REACH SUBSTANCES OF VERY HIGH CONCERN >1000ppm, AND USE DRC CONFLICT-FREE SOURCED MATERIALS.
4. SAFETY BREAK ALL SHARP CORNERS AND EDGES 0.5 MAXIMUM.
- 5 SEE TABLE I FOR ELECTRICAL SPECIFICATIONS. (SHEET 2)
- 6 SEE TABLE II FOR ENVIRONMENTAL SPECIFICATIONS. (SHEET 2)
- 7 SEE TABLE III FOR MECHANICAL SPECIFICATIONS. (SHEET 2)

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159 ORT LANE  
MERLIN, OR 97532

TITLE:  
**MMCX FEMALE RIGHT ANGLE,  
SURFACE MOUNT**

MATERIAL:	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5.	PROJECTION: 
	.X ±2.0      ANGLES: ±1° .XX ±1.00     SURFACE: √ .XXX ±.500	
FINISH:	DRAWN: M. SCHULTE    DT: 26-FEB-20	
	ENGR: S. HOGAN        DT: 3-MAR-20	

SIZE	DWG. NO.	REV
<b>A</b>	<b>C-CONMMCX002-SMD</b>	<b>E</b>
SCALE: 8:1	DO NOT SCALE DRAWING	SHEET 1 OF 2



SCALE 1 : 1

**5** TABLE I

Electrical Data	Detail
Impedance	50 Ω
Frequency Range	0 to 6 GHz
Insulation Resistance	≥ 5000 MΩ
Voltage Rating	750 V RMS
Contact Resistance	Center ≤ 5.0 m Ω Outer: ≤ 1.0 m Ω
VSWR	≤ 1.35 @ 6 GHz

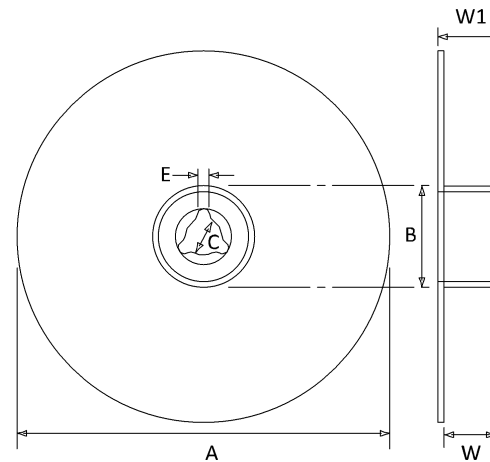
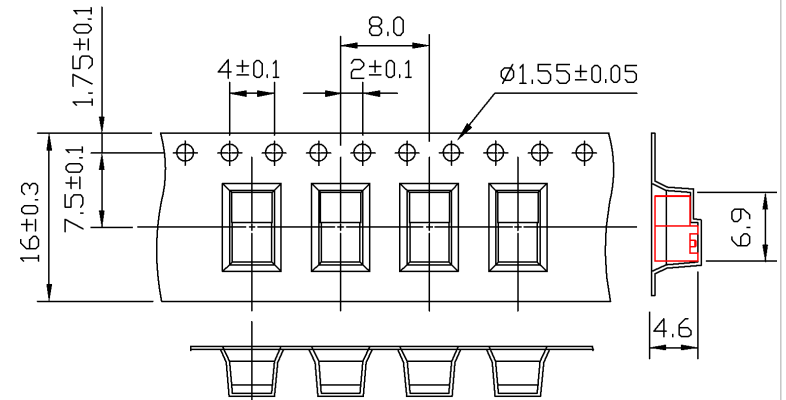
**6** TABLE II

Environmental Data	Detail
Corrosion (Salt Spray)	MIL-STD-202 METHOD 101 TEST CONDITION B
Thermal Shock	MIL-STD-202 METHOD 107 TEST CONDITION B
Vibration	MIL-STD-202 METHOD 204 TEST CONDITION D
Mechanical Shock	MIL-STD-202 METHOD 213 TEST CONDITION I
Temperature Range	-65 °C to +165 °C
Environmental Compliance	RoHS

**7** TABLE III

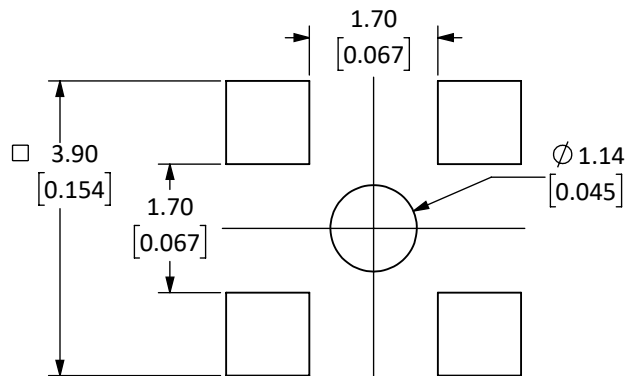
Mechanical Data	Detail
Mounting Type	Panel Mount, Surface Mount, Right Angle
Fastening Type	Snap-On Coupling
Connector Durability	500 cycles min.
Weight	0.37 g (0.01 oz)

TAPE DIMENSIONS



REEL DIMENSIONS		
SYMBOL	DIMENSION (mm)	TOLERANCE
A	330	+ 1.50
B	100	+ 1.00
C	13.3	+ 0.30
E	2.5	+ 0.30
W	24.5	+1.50 -0.10
W1	28.7	+ 0.40

1750 PCS/REEL



RECOMMENDED FOOTPRINT

SIZE	DWG. NO.	REV
<b>A</b>	CONMMCX002-SMD	<b>E</b>
SCALE: 4:1	DO NOT SCALE DRAWING	SHEET 2 OF 2