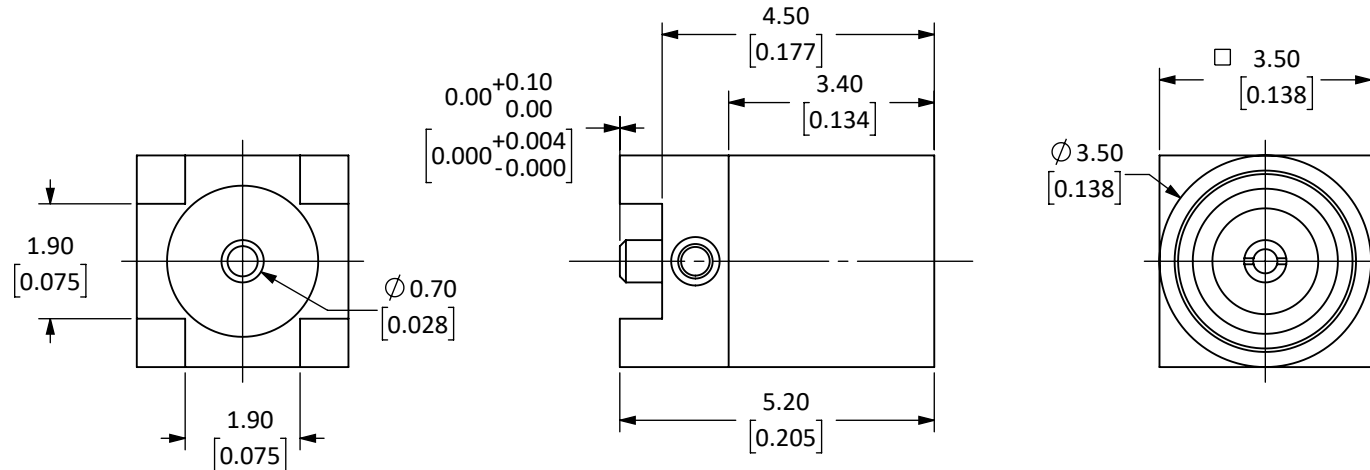


Connector: MMCX Jack (Female Socket)		
Termination: PCB Surface Mount		
Connector Part	Material	Finish
Bodies	Body: Brass	Gold
Center Contact	Pin: Be Cu	Gold
Insulator	PTFE	-


REVISIONS			
REV	DESCRIPTION	DATE	APPV
B	UPDATED FOOTPRINT/DIMENSIONS. NEW TITLE BLOCK.	11-JUL-12	SAH
C	UPDATED SHEET SIZE/DIMENSIONS. ADDED DETAIL VIEW.	3-JUL-18	CLL
D	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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MATERIAL:	TOLERANCES: 0.50 [0.020]-5.00 [0.200]= ±0.20 [0.008] 5.00 [0.200]-30.00 [1.200]= ±0.40 [0.016] 30.0 [1.200]-120.0 [4.75]= ±0.60 [0.24] 120.0 [4.75]-315.0 [12.40]= ±1.0 [0.040]	PROJECTION: 
	FINISH:	ANGLES: ±1°
	DRAWN: M. SCHULTE	DT: 26-FEB-20
	ENGR: S. HOGAN	DT: 3-MAR-20



TITLE: <b>MMCX FEMALE SURFACE MOUNT</b>		
SIZE <b>A</b>	DWG. NO. <b>CONMMCX001-SMD</b>	REV <b>E</b>
SCALE: 8:1	DO NOT SCALE DRAWING	SHEET 1 OF 2



SCALE 1 : 1

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**5** TABLE I

Electrical Data	Detail
Impedance	50 Ω
Frequency Range	0 to 6 GHz
Insulation Resistance	≥ 500 MΩ
Voltage Rating	1000 V RMS
Contact Resistance	Center: ≤ 10.0 m Ω Outer: ≤ 5 m Ω
VSWR	≤ 1.25

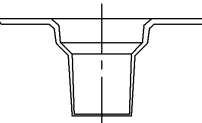
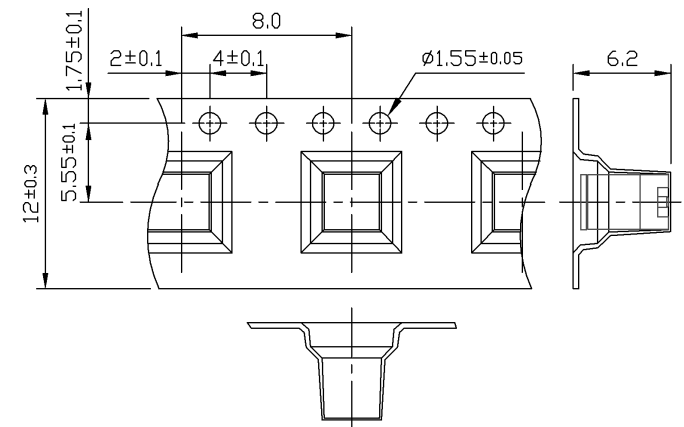
**6** TABLE II

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
Fastening Type	Snap-On Coupling
Connector Durability	500 cycles min.
Weight	0.2 g (0.01 oz)

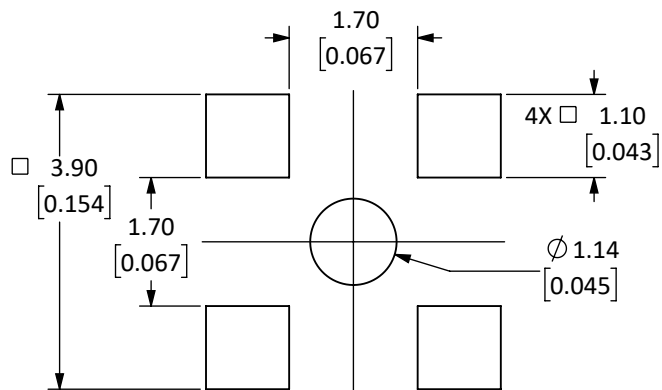
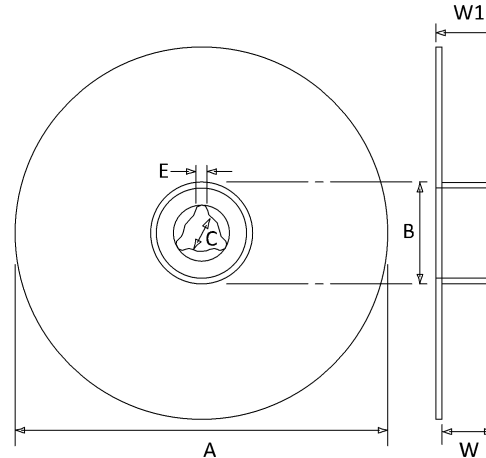
**TAPE DIMENSIONS**



**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

900 PCS/REEL



**RECOMMENDED FOOTPRINT**

SIZE	DWG. NO.	REV
<b>A</b>	<b>CONMMCX001-SMD</b>	<b>E</b>
SCALE: 4:1	DO NOT SCALE DRAWING	SHEET 2 OF 2