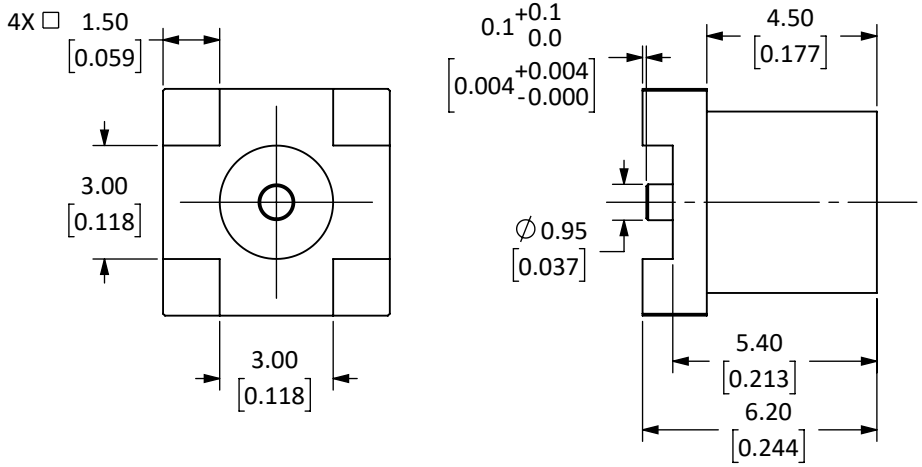
Connector: MCX Jack (Female Socket)		
Termination: PCB Surface Mount		
Connector Part	Material	Finish
Bodies	Body: Brass	Gold
Center Contact	Pin: Be Cu	Gold
Insulator	PTFE	-

REVISIONS			
REV	DESCRIPTION	DATE	APPV
B	UPDATED FOOTPRINT/DIMENSIONS. NEW TITLE BLOCK.	11-JUL-12	SAH
C	UPDATED SHEET SIZE/DIMENSIONS. ADDED DETAIL A.	3-JUL-18	CLL
D	ADDED TAPE AND REEL SPECIFICATIONS	04-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)



SCALE 1 : 1

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MATERIAL:	TOLERANCES: 0.50 [.020]-5.00 [.200]= ±0.20 [.008] 5.00 [.200]-30.00 [1.200]= ±0.40 [.016] 30.0 [1.20]-120.0 [4.75]= ±0.60 [0.24] 120.0 [4.75]-315.0 [12.40]= ±1.0 [.040]	PROJECTION:	TITLE: MCX FEMALE PCB MOUNT SURFACE MOUNT
		ANGLES: ±1°	
FINISH:	DRAWN: M. SCHULTE	DT: 26-JAN-20	SIZE A / DWG. NO. CONMCX001-SMD / REV D
	ENGR: S. HOGAN	DT: 3-MAR-20	SCALE: 5:1 / DO NOT SCALE DRAWING / SHEET 1 OF 2

5 TABLE I

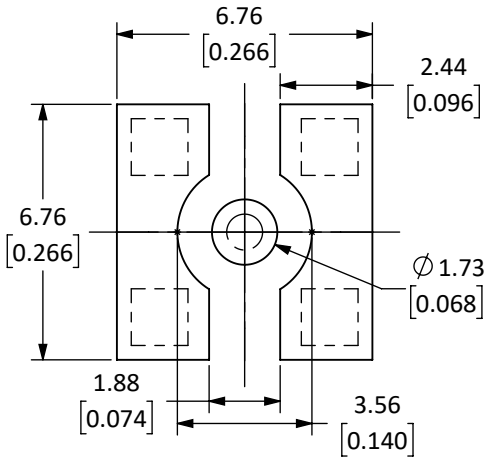
Electrical Data	Detail
Impedance	50 Ω
Frequency Range	0 to 6 GHz
Insulation Resistance	≥ 750 MΩ
Voltage Rating	1000 V RMS
Contact Resistance	Center ≤ 5.0 m Ω Outer: ≤ 1.0 m Ω
VSWR	≤ 1.35 @ 6 GHz

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

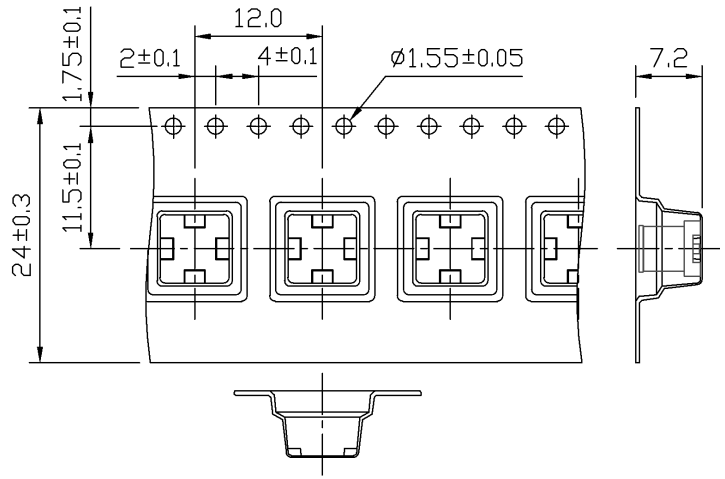
7 TABLE III

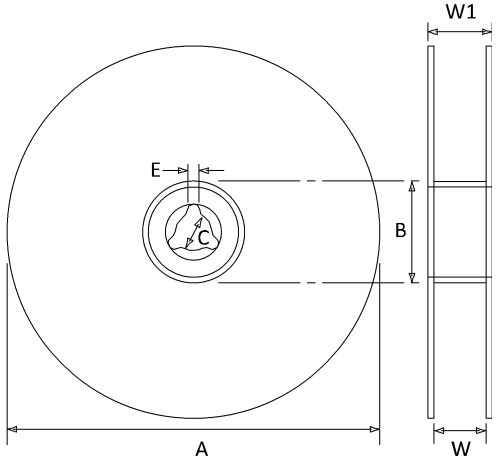
Mechanical Data	Detail
Mounting Type	PCB Surface Mount
Fastening Type	Snap-On Coupling
Connector Durability	500 cycles min.
Weight	0.6 g (0.02 oz)



RECOMMENDED FOOTPRINT

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

750 PCS/REEL

SIZE	DWG. NO.	REV
A	CONMCX001-SMD	D
SCALE: 5:1	DO NOT SCALE DRAWING	SHEET 2 OF 2

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