

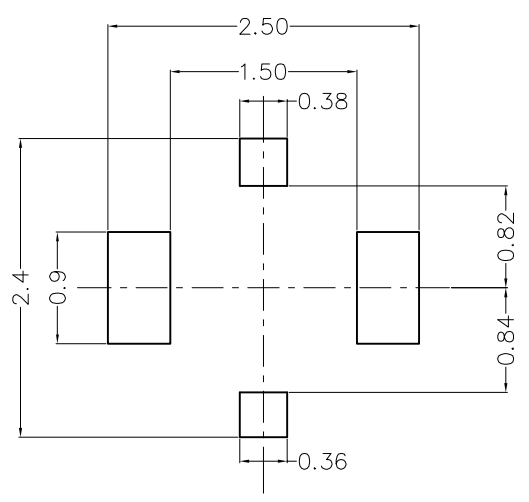
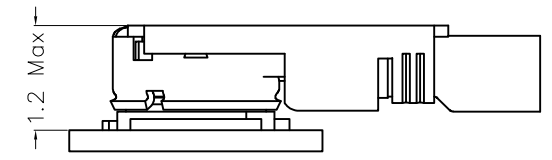
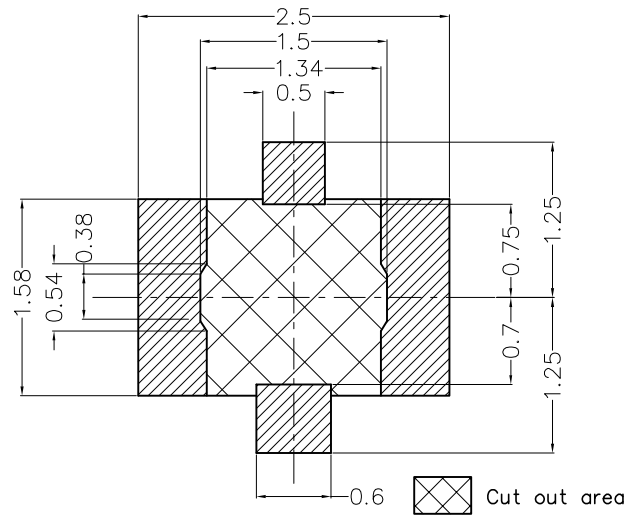
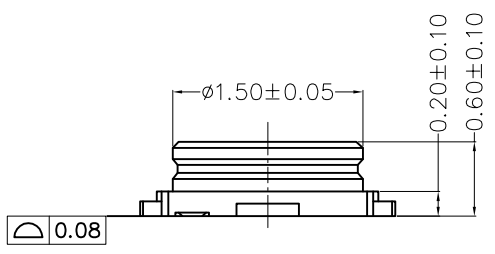
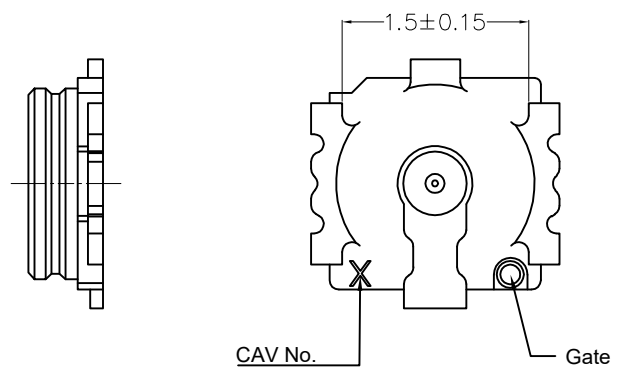
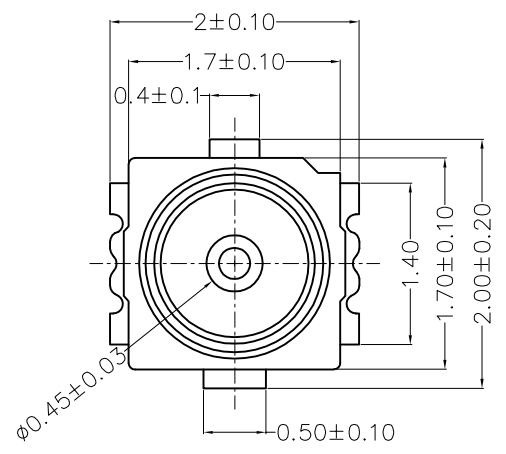
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

SPECIFICATIONS

Technical Parameters
Voltage: 60V AC/DC
Impedance: 50Ω
Frequency range: 0~8 GHz
Contact Resistance: 20 mΩ Max initial, 40 mΩ Max after test
Insulation Resistance: 500 MΩ initial, 100 MΩ after test
Dielectric withstand voltage: 200V AC for one minute
VSWR: 1.3 Max at 0.1~3 GHz; 1.4 Max at 3~6 GHz
1.5 Max at 6~8 GHz
Temperature Range-Operating: -40°C~+85°C

Mechanical
Durability: 30 cycles
IR Reflow Cycles: 2 cycles Max

Material and Plating
Housing: LCP (UL 94V-0), Black
Contact: Phosphor Bronze/Gold flash plated over nickel
Ground Contact: Phosphor Bronze/Gold flash plated over nickel

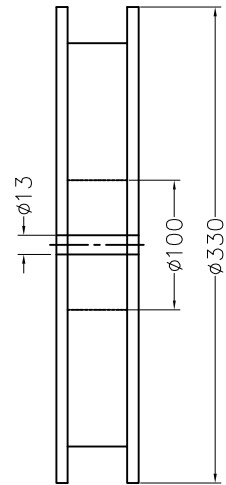
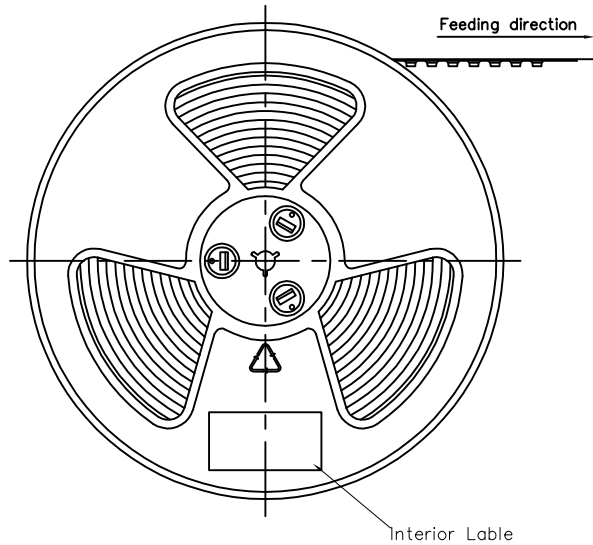


Recommended P.C.Board Layout
Top View (Tolerance: ±0.03)

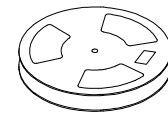
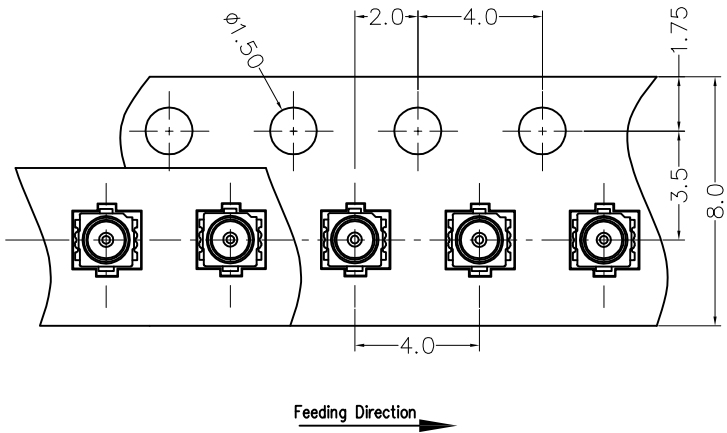
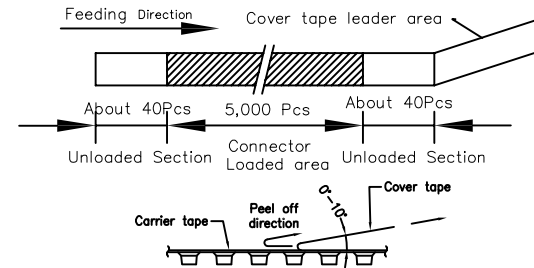
Recommended Metal Mask Layout
Top View (Tolerance: ±0.03), T=0.12

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 30/AUG/24	PART NO. FOMCRF-S50POS0S-02	ITEM NO. FOMCRF	 Building Technology Cornerstone	
	X. ±0.30	X.* ±5°	CHECKED BY GISELLE	DATE 30/AUG/24	TITLE MCRF 4th Coaxial Socket φ1.5mm(H0.6) SMT			REV 0
DESIGN UNITS Metric	X.X ±0.20	X.X* ±2°	DRAWN BY MATT	DATE 30/AUG/24	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
SCALE 1:1	SIZE A4	X.XX ±0.15						
		X.XXX ±0.10						

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

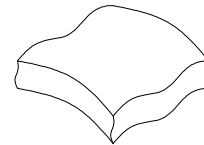


- Note:**
- 10 sprocket hole cumulative tolerance ± 0.2
 - Carrier camber is within 1.0mm in 100mm
 - Material: White Conductive polystyrene Alloy 100% recyclable
 - All dimensions meet EIA-481 requirements
 - Component load per 13" reel: 5,000 pcs

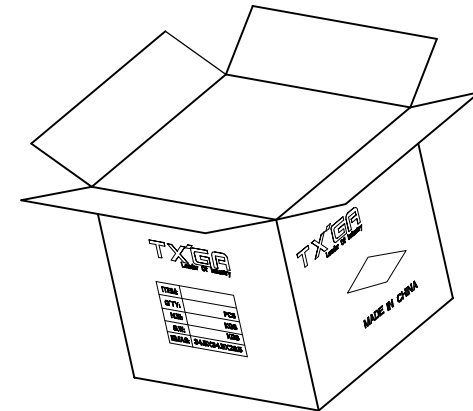


5,000 pcs/Reel

PE Bag



Drying agent/pcs



 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Building Technology Cornerstone
	X. ± 0.30	X.* $\pm 5^\circ$	LEO	30/AUG/24	FOMCRF-S50POS0S-02	FOMCRF	
DESIGN UNITS Metric	X.X ± 0.20	X.X* $\pm 2^\circ$	CHECKED BY	DATE	TITLE		REV 0
SCALE 1:1	X.XX ± 0.15	X.XX* $\pm 1^\circ$	GISELLE	30/AUG/24	MCRF 4th Coaxial Socket $\phi 1.5\text{mm}(\text{H}0.6)$ SMT		SHEET NO. 2/2
SIZE A4	X.XXX ± 0.10	X.XXX* $\pm 0.5^\circ$	DRAWN BY	DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
			MATT	30/AUG/24			