

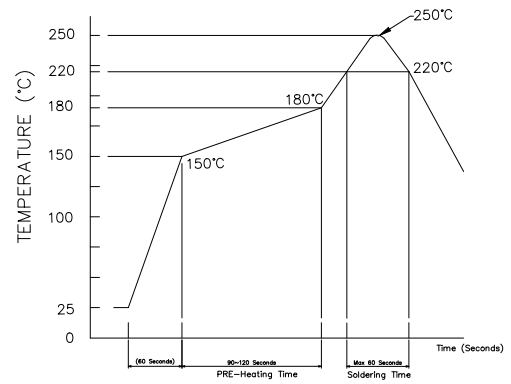
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
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SPECIFICATION:

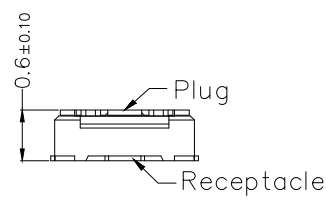
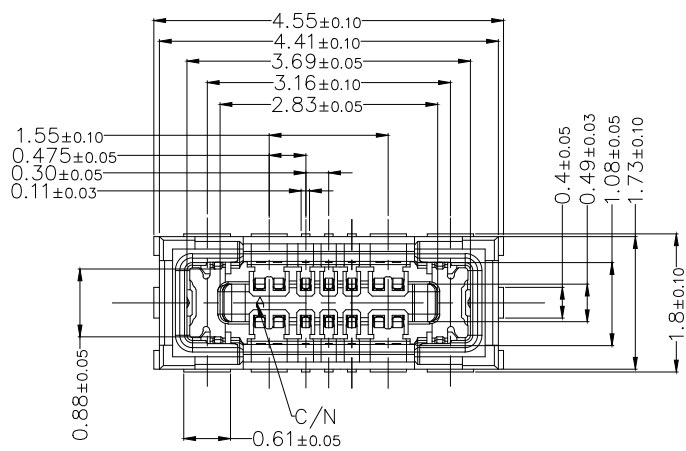
Electrical
Voltage Rating: 60V AC/DC
Rated Current: Signal Contact 0.3 AMPS/Pin
Power Contact 15 AMPS (All power pins)
Contact Resistance:
Signalpin: Initial 50mΩ MAX
After Test Δ 20mΩ
Power pin: Initial 15mΩ MAX
After Test 15mΩ MAX
Insulation Resistance:
Initial: 500 MΩ Minimum.
After Test: 500 MΩ Minimum.
Dielectric Withstanding Voltage:
No breakdown at AC 100V for 1 minute
Salt Water Spray Test: Temperature 35°C±2°C
Density of Salt Density 5±1%
Duration 48±2 hours
Operating Temperature Range: -40 °C ~ +85°C
Storage Temperature Range : -40°C ~ +85°C,
0 ~ 90 % RH (Relative humidity).
Mating/Unmating Force: Mating Force 30N MAX
Unmating Force 3N MIN

Material and Plating

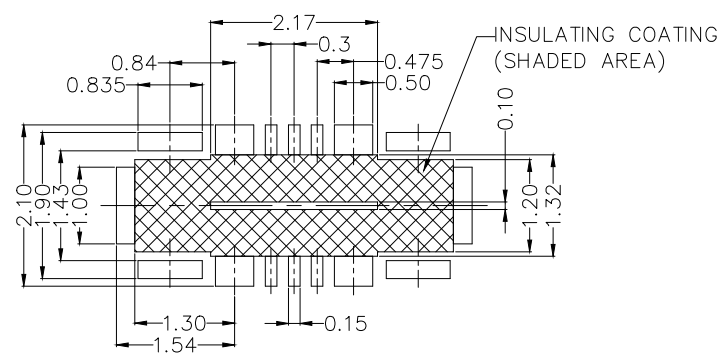
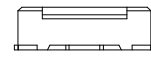
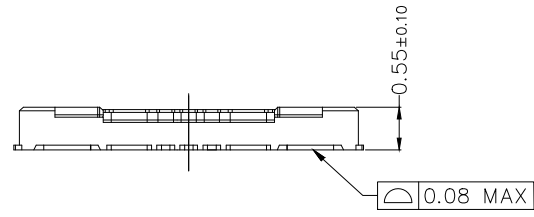
Housing: LCP(UL 94V-0), Black
Contact: Copper Alloy,
Overall: 50μ" MIN NI plated
Contact Areas: 4μ" MIN gold plated
Non-contact Areas: 1μ" MIN gold plated



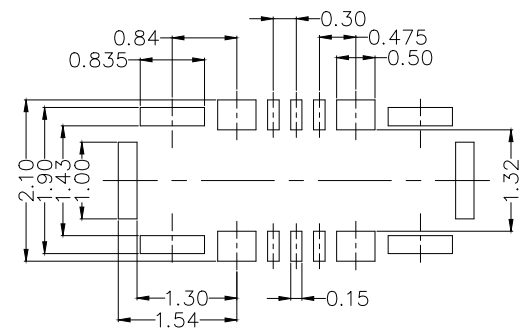
RECOMMENDED REFLOW TEMPERATURE PROFILE
USIN LEAD-FREE SOLDER PASTE



Mating Height



Recommended P.C.B Layout
Tolerance ±0.03mm

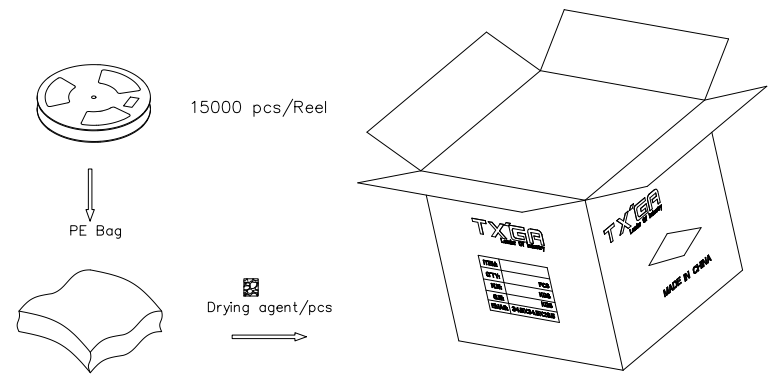
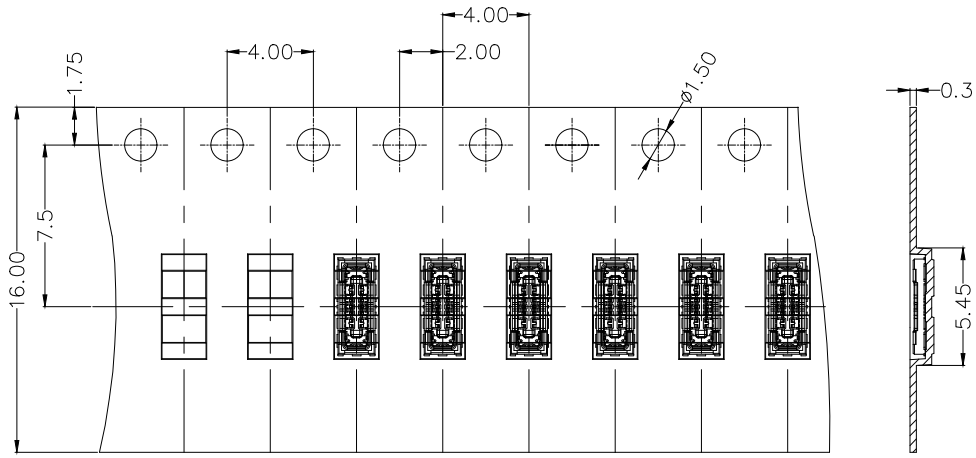
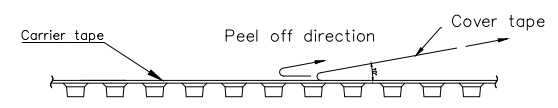
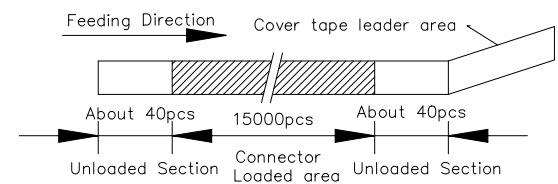
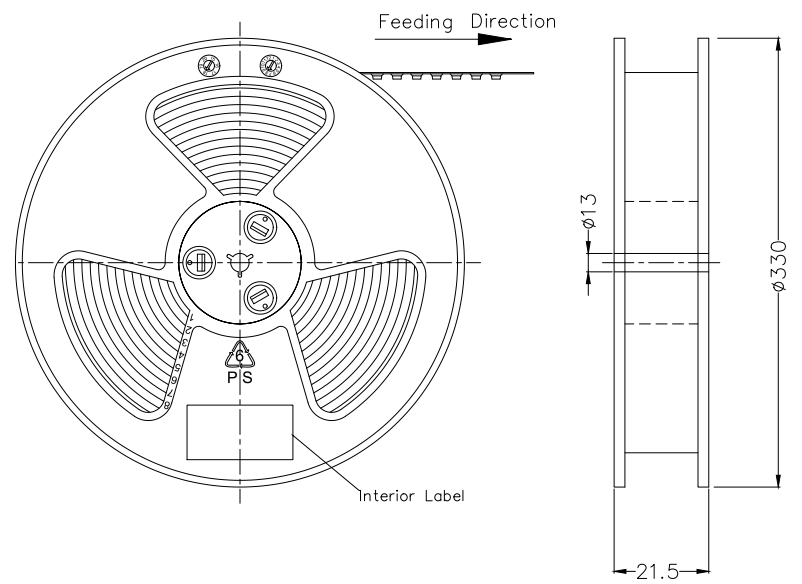


Recommended Metal Dimensions
(Thickness: 0.08 mm)Tolerance ±0.01mm

 THIRD ANGLE PROJECTION DESIGN UNITS mm SCALE 5:1 SIZE A4	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 30/JAN/23	PART NO. FBB03003-F06S1143BKM	ITEM NO. FBB03003	 Building Technology Cornerstone
	X. ±0.30	X.* ±5'	CHECKED BY GISELLE	DATE 30/JAN/23	TITLE Board to Board 6+6 Circuits Pitch 0.30mm 180° Vertical (SMT)		
	X.X ±0.20	X.X' ±2'	DRAWN BY PYD	DATE 30/JAN/23	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	X.XX ±0.15	X.XX' ±1'					

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

- Note:
- 1.10 sprocket hole cumulative tolerance ± 0.2
 2. Carrier camber is within 1.0mm in 250mm
 3. Material: White conductive polystyrene Alloy 100% recyclable
 4. All dimensions meet EIA-481-3 requirements
 5. Peel off force of cover tape & carrier tape: 20g~130g (0.2N~1.3N)
 6. Component load per 13" reel: See table



Feeding Direction

 THIRD ANGLE PROJECTION DESIGN UNITS mm SCALE 5:1 SIZE A4	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Building Technology Cornerstone REV 0 SHEET NO. 2/2
	X. ± 0.30	X.* $\pm 5^*$	LEO	30/JAN/23	FBB03003-F06S1143BKM	FBB03003	
	X.X ± 0.20	X.X* $\pm 2^*$	CHECKED BY	DATE	TITLE		
	X.XX ± 0.15	X.XX* $\pm 1^*$	GISELLE	30/JAN/23	Board to Board 6+6 Circuits Pitch 0.30mm 180° Vertical (SMT)		
X.XXX ± 0.10	X.XXX* $\pm 0.5^*$	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			
		PYD	30/JAN/23				