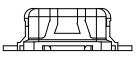
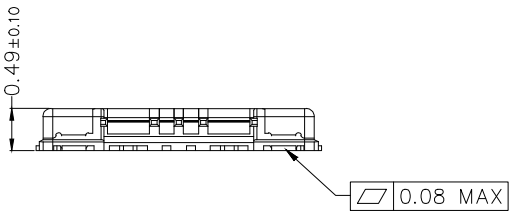
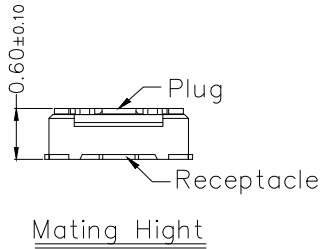
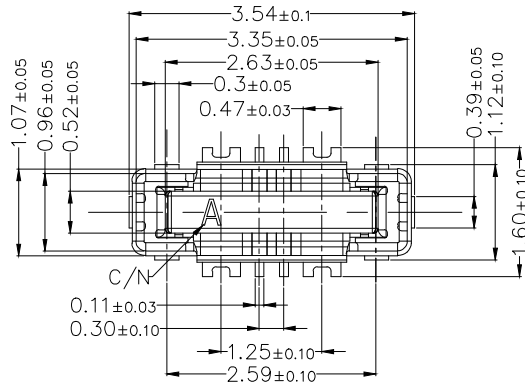
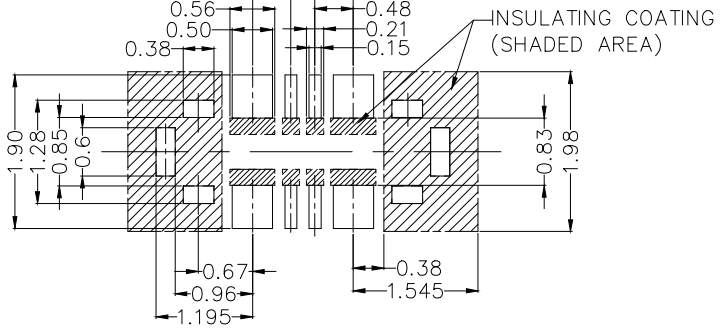


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

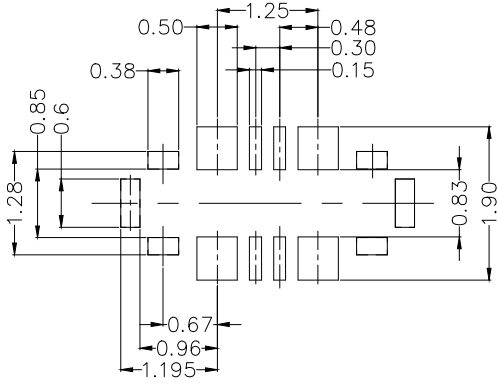
SPECIFICATION:
Electrical
 Voltage Rating: 60V AC/DC
 Rated Current: Signal Contact 0.3 AMPS/Pin
 Power Contact 15 AMPS (All power pins)
 Contact Resistance:
 Signalpin: Initial 50mΩ MAX
 After Test Δ 20mΩ
 Power pin: Initial 15mΩ MAX
 After Test 15mΩ MAX
 Insulation Resistance:
 Initial: 500 MΩ Minimum.
 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



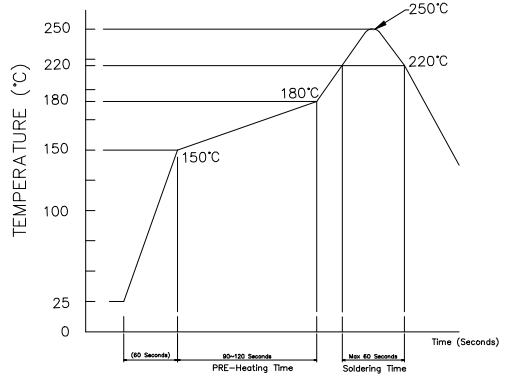
Material and Plating
 Housing: LCP(UL 94V-0), Black
 Contact: Copper Alloy,
 Overall: 50μ" MIN NI plated
 Contact Areas: 4μ" MIN gold plated
 Non-contact Areas: 1μ" MIN gold plated



Recommended P.C.B Layout
 Tolerance ±0.03mm



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

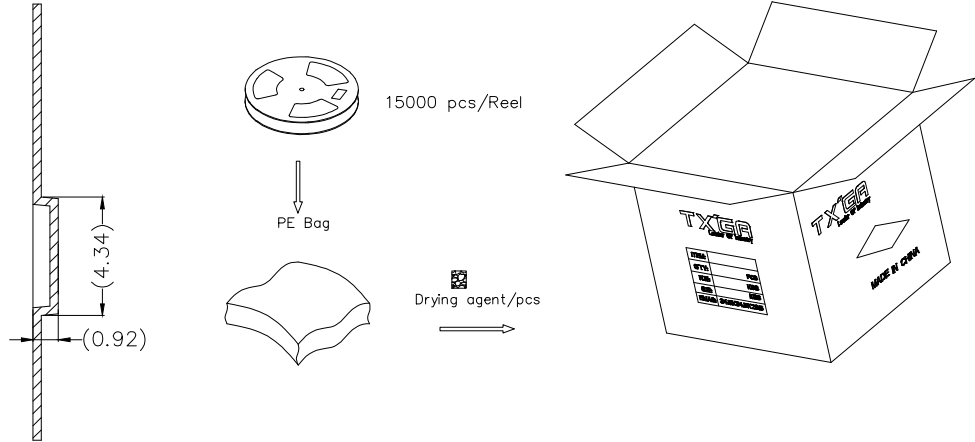
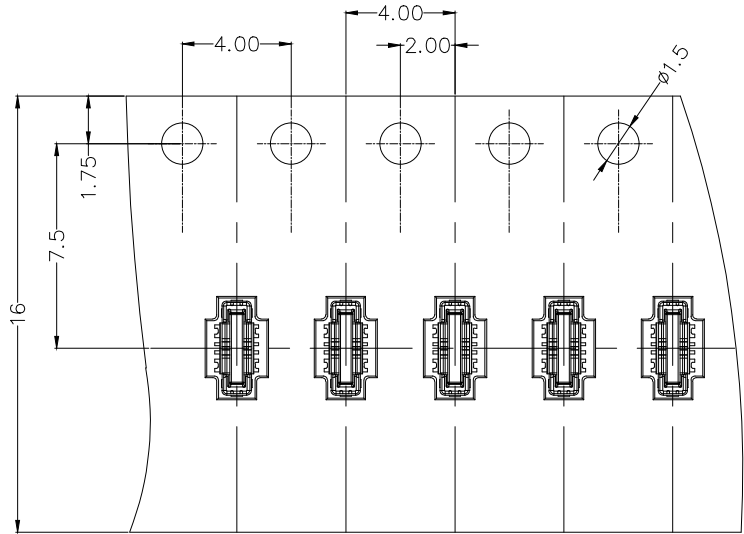
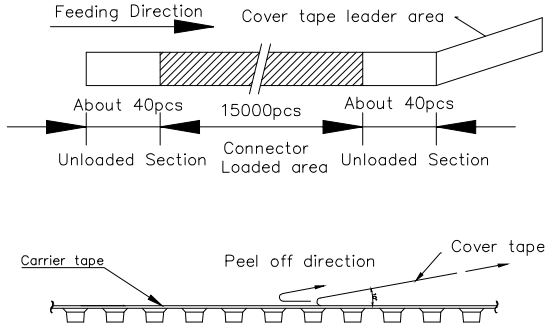
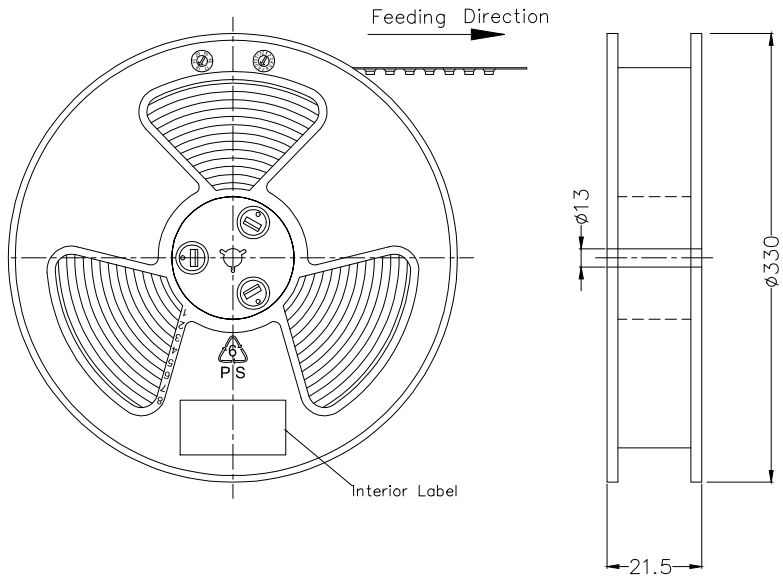


RECOMMENDED REFLOW TEMPERATURE PROFILE
 USIN LEAD-FREE SOLDER PASTE

 THIRD ANGLE PROJECTION DESIGN UNITS mm SCALE 5:1 SIZE A4	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 30/JAN/23	PART NO. FBB03002-M04S1143BKM	ITEM NO. FBB03002	 Building Technology Cornerstone	
	X. ±0.30	X.* ±5'	CHECKED BY GISELLE	DATE 30/JAN/23	TITLE Board to Board 4+6 Circuits Pitch 0.30mm 180° Vertical (SMT)			REV 0
	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'						
X.XXX ±0.10	X.XXX' ±0.5'							

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



<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	<p>Building Technology Cornerstone</p>
	X. ±0.30	X.* ±5'	LEO	30/JAN/23	FBB03002-M04S1143BKM	FBB03002	
	DESIGN UNITS mm		CHECKED BY	DATE	TITLE		
	X.X ±0.20	X.X' ±2'	GISELLE	30/JAN/23	Board to Board 4+6 Circuits Pitch 0.30mm 180° Vertical (SMT)		
SCALE 5:1	SIZE A4	X.XX ±0.15	X.XX' ±1'	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	
X.XXX ±0.10	X.XXX' ±0.5'	PYD	30/JAN/23	REV 0		SHEET NO. 2/2	