

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Updated Structure & Plating	18/OCT/23	MATT	LEO

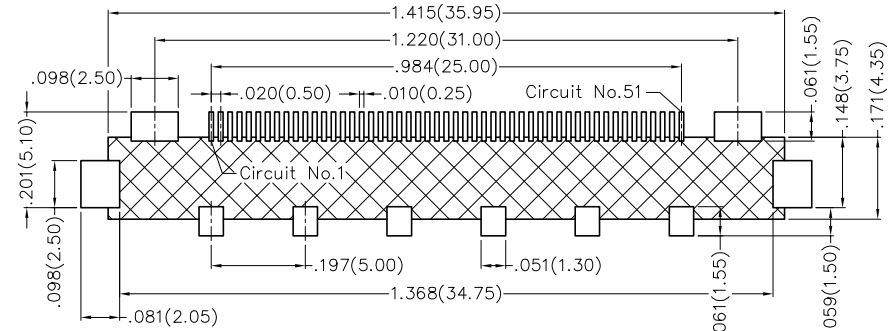
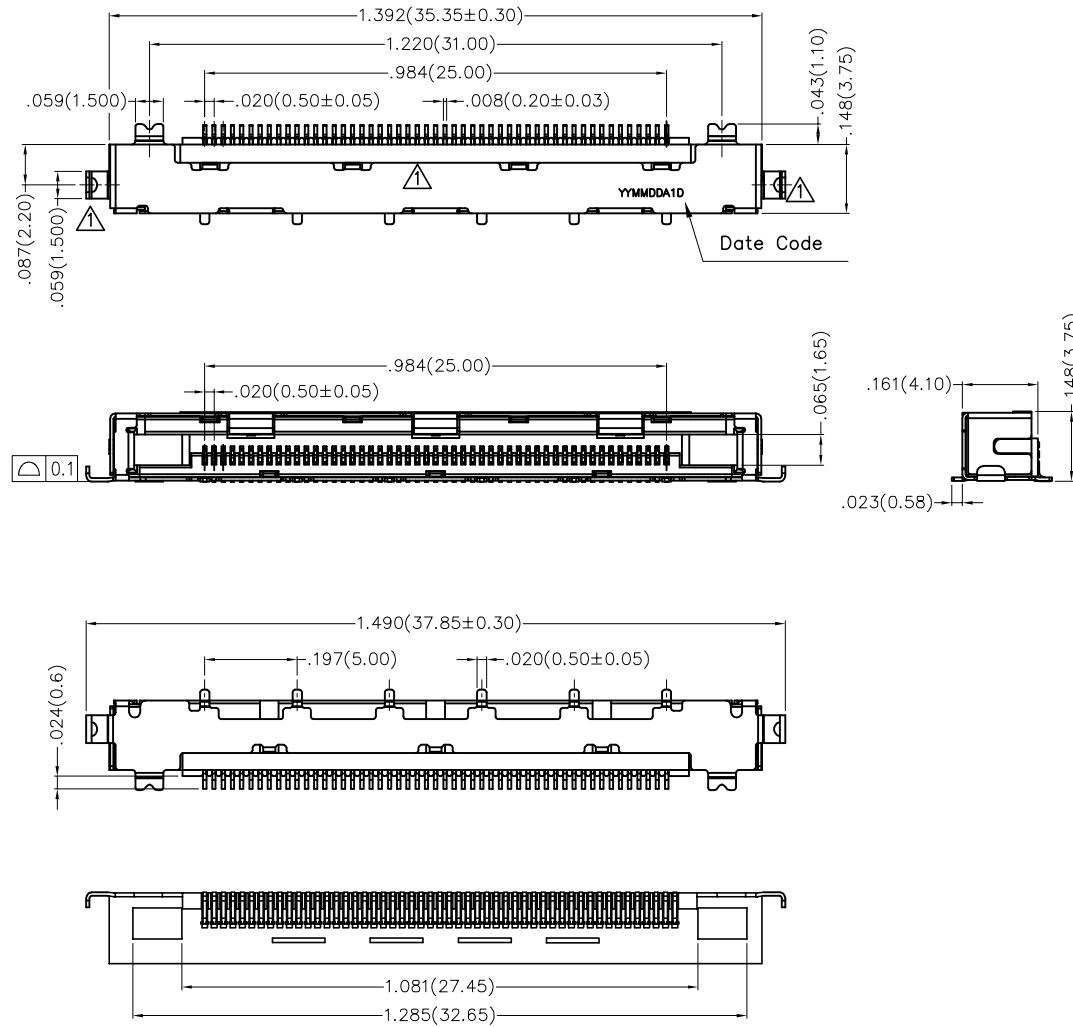
SPECIFICATIONS

Electrical

Current Rating: 0.5A AC(rms)/DC
Voltage Rating: 100V AC(rms)/DC
Contact Resistance: 40 mΩ Max
Insulation Resistance: 100 MΩ Min
Withstanding Voltage: 500V AC r.m.s
Temperature Range-Operating: -40°C~+85°C

Material And Plating △

Housing: LCP (UL94 V-0) Black
Terminal: Phosphor bronze/ 3μ" gold in contact area, gold flash on tail △
Shell: Stainless steel/ Nickel plated over all, gold flash on tail △



Recommended P.C.Board Layout
General tolerances: ±0.05mm

Ordering Information

FLV 050 03 — 51 S B B 1 03 3 K6 M
1 2 3 4 5 6 7 8 9 10 11 12

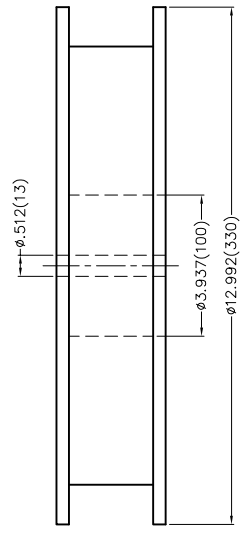
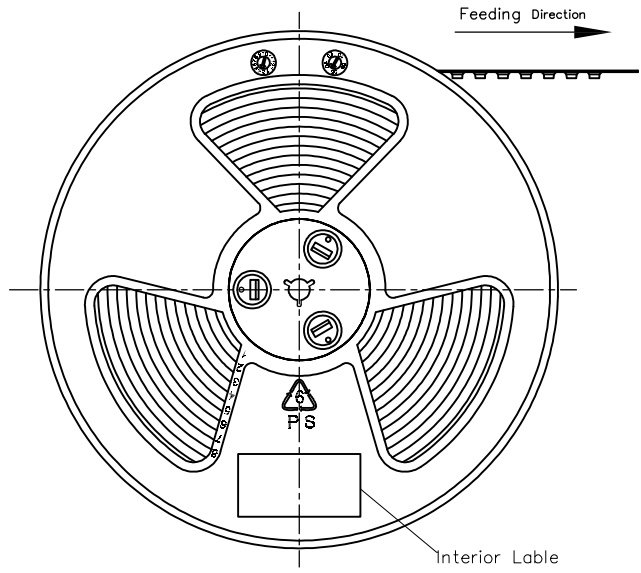
1	Category FLV-LVDS	2	Series Number 050-Pitch0.50mm	3	Distinction No. 03	4	Circuits 51	5	Assemble Layout S-SMT	6	Entry Angle B- 90° Angle
7	Contact Position B-Bottom	8	Plating 1-Gold plated	9	Thickness of Plating 03-3μ"	10	Material-Resin 3-LCP	11	Color-Resin K6-Black	12	Packaging M-Reel

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 22/JUN/16	PART NO. FLV05003-51SBB1033K6M	ITEM NO. FLV05003	 Building Technology Cornerstone	
	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 22/JUN/16	TITLE LVDS connector 0.5mm Bottom contact SMT			REV 1
DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X'±2'	DRAWN BY KATE	DATE 22/JUN/16	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
SCALE 5:1	SIZE A4	X.XX±.006(0.15)						
		X.XXX±.004(0.10)						

1 2 3 4 5 6 7 8

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A

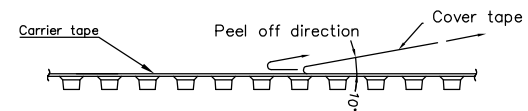
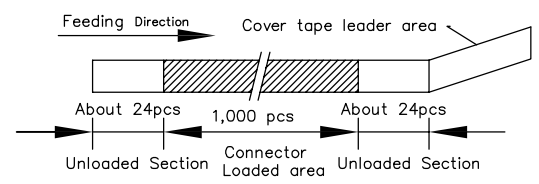


Note:

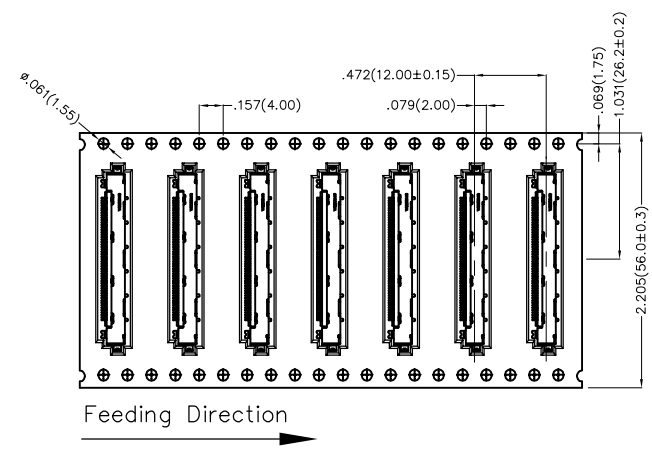
1. 10 sprocket hole cumulative tolerance ± 0.2
2. Carrier camber is within 1.0mm in 250mm
3. Material: White Conductive polystyrene Alloy 100% recyclable
4. All dimensions meet EIA-481-3 requirements
5. Peel off force of cover tape & carrier tape: 20g~130g (0.2N~1.3N)
6. Component load per 13" reel: 1,000 pcs

B

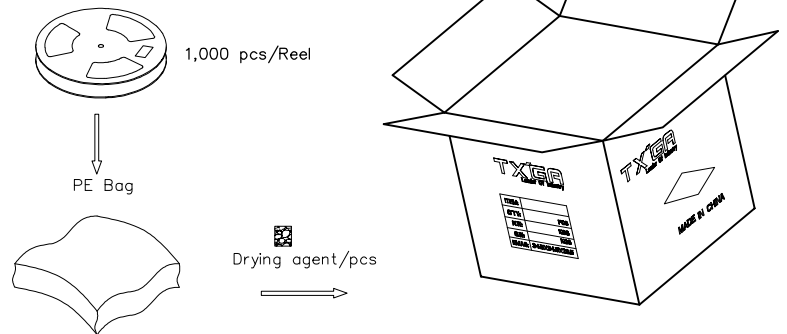
C



D



E



F

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SCALE 5:1	SIZE A4	X.XX±.006(0.15)					SHEET NO. 2/2
		X.XXX±.004(0.10)					

1 2 3 4 5 6 7 8