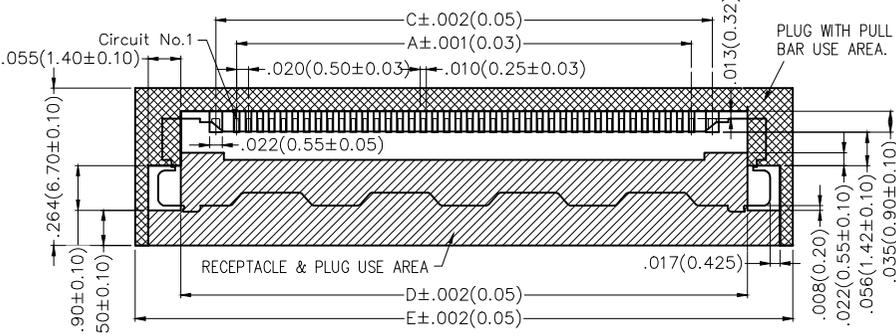
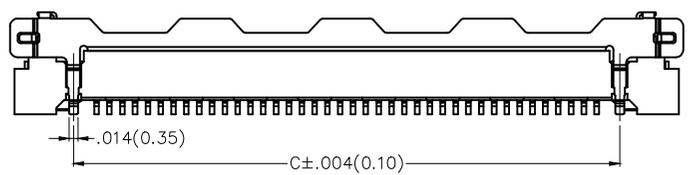
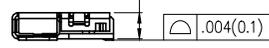
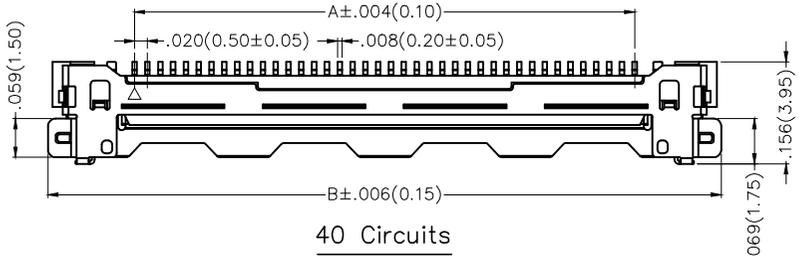
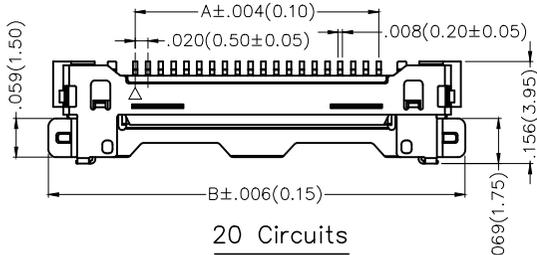
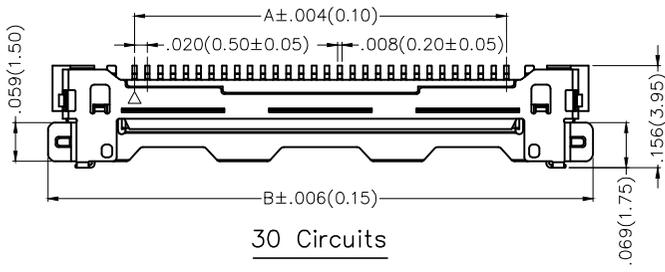


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



Recommended P.C.Board Layout

General tolerances: ±0.05mm

- NOT VIA/TRACE/TEST POINT AREA RECEPTACLE & PLUG USE AREA
- NOT VIA/TRACE/TEST POINT AREA PLUG WITH PULL BAR USE AREA

SPECIFICATIONS

Electrical
 Current Rating: 0.5A AC(rms)/DC
 Voltage Rating: 50V AC(rms)/DC
 Contact Resistance: 20 mΩ Max
 Insulation Resistance: 500 MΩ Min
 Withstanding Voltage: 250V AC r.m.s
 Temperature Range—Operating: -40°C~+85°C

Material And Plating
 Housing: LCP (UL94 V-0) Black
 Terminal: Copper alloy/ Gold plated
 Shell: 30-40P: Copper alloy/ Gold plated.
 20P: Stainless steel/ Gold plated on solder area, nickel over all.

Circuits (n)	Part No.	Dimensions(in/mm)				
		A	B	C	D	E
20	FLV05002-20SBA1033K6M	.374(9.50)	.639(16.25)	.444(11.30)	.562(14.30)	.716(18.20)
30	FLV05002-30SBA1033K6M	.571(14.50)	.837(21.25)	.642(16.30)	.760(19.30)	.913(23.20)
40	FLV05002-40SBA1033K6M	.768(19.50)	1.033(26.25)	.839(21.30)	.957(24.30)	1.110(28.20)

Ordering Information

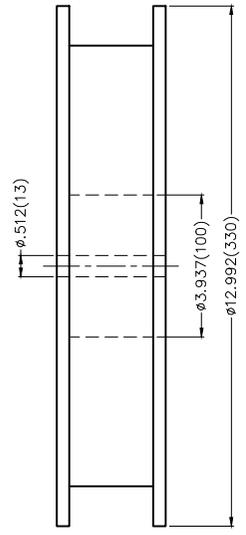
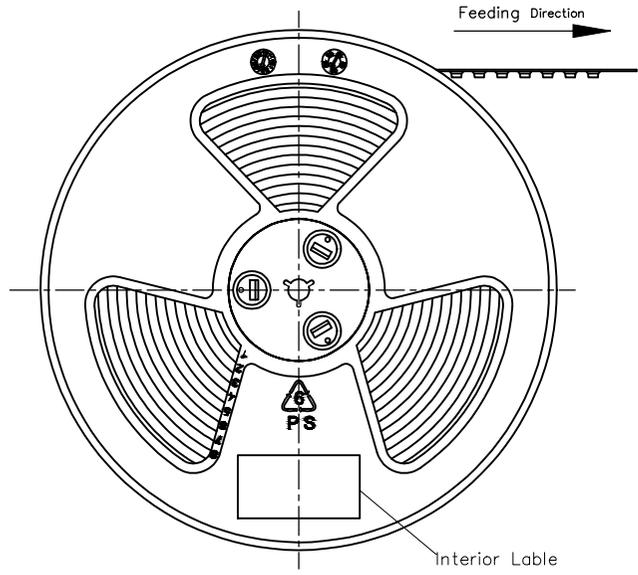
FLV 050 02 — XX S B A 1 03 3 K6 M
 1 2 3 4 5 6 7 8 9 10 11 12

1 Category FLV-LVDS	2 Series Number 050-Pitch0.50mm	3 Distinction No. 02	4 Circuits XX	5 Assemble Layout S-SMT	6 Entry Angle B- 90° Angle
7 Contact Position A-Top	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

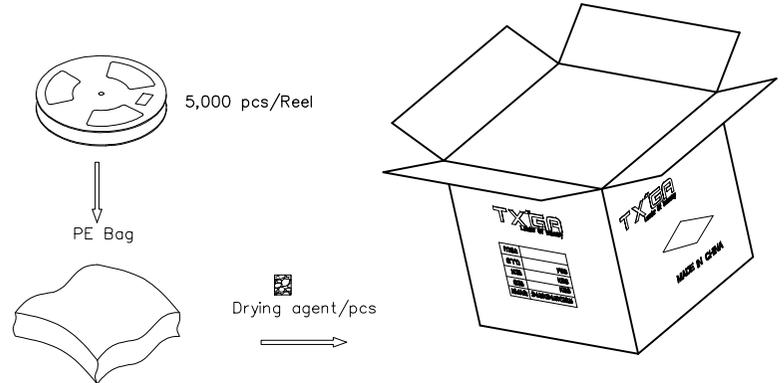
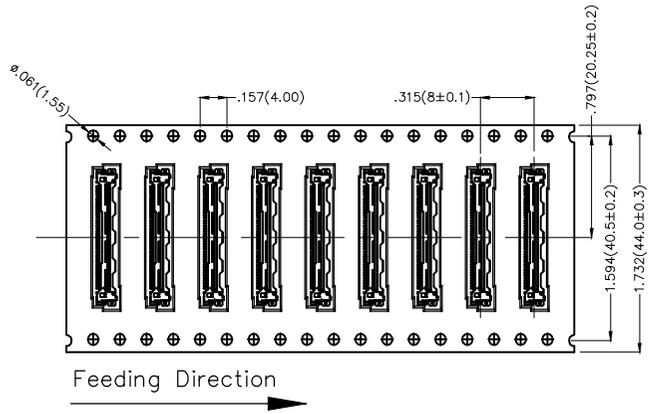
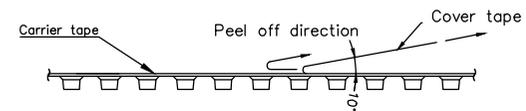
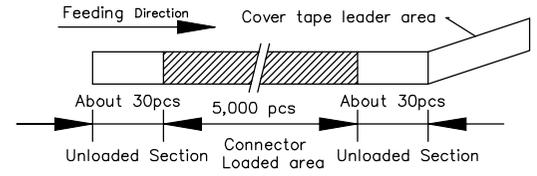
 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED) X.±.012(0.30) X'±5' X.X±.008(0.20) X'±2' X.XX±.006(0.15) .XX'±1' X.XXX±.004(0.10) .XXX'±0.5'		APPROVE BY FRANK CHECKED BY CHERRY DRAWN BY KATE	DATE 22/JUN/16 DATE 22/JUN/16 DATE 22/JUN/16	PART NO. FLV05002-XXSBA1033K6M TITLE LVDS connector 0.5mm Top contact SMT	ITEM NO. FLV05002 REV 0	 Leader Of Industry SHEET NO. 1/2
	DESIGN UNITS Inch (metric) SCALE 5:1	SIZE A4	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A
B
C
D
E
F



- 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: 5,000 pcs



 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Leader Of Industry
	X.±.012(0.30)	X.±5'	FRANK	22/JUN/16	FLV05002-XXSBA1033K6M	FLV05002	
DESIGN UNITS	X.X±.008(0.20)	.X'±2'	CHECKED BY	DATE	TITLE		REV 0
Inch (metric)	X.XX±.006(0.15)	.XX'±1'	CHERRY	22/JUN/16	LVDS connector 0.5mm Top contact SMT		
SCALE	X.XXX±.004(0.10)	.XXX'±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		8
5:1			KATE	22/JUN/16			