

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	MPQ: 1500 Change Into 2000 pcs	05/JUN/15	KATE	FRANK

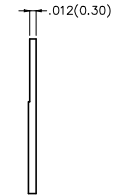
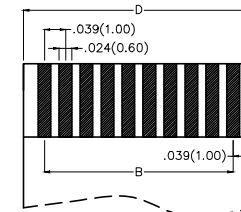
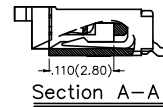
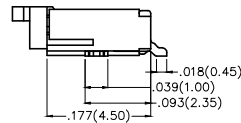
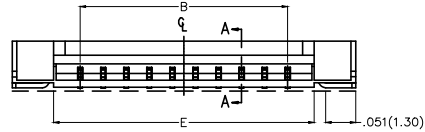
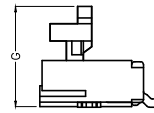
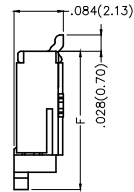
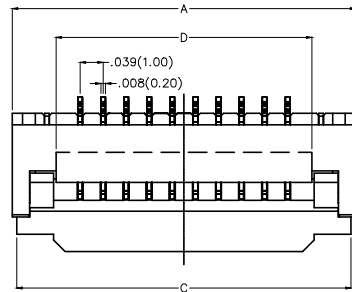
**SPECIFICATIONS**

**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: 200V AC r.m.s  
Temperature Range-Operating: -25°C~+85°C

**Material**

Housing: LCP UL94V-0 Color: Beige  
Actuator: LCP UL94V-0 Color: Black  
Contact: Phosphor Bronze/Tin Plated  
Stopper: Brass/Tin Plated

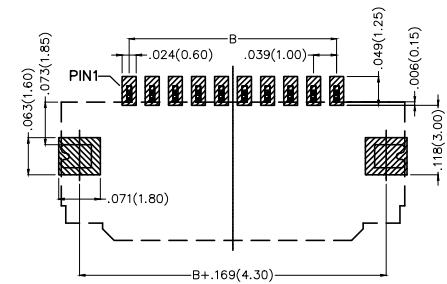


Applicable FFC  
Recommended Dimension

**Ordering Information**

FFC 100 32 — XX S B B 1 2 3 W5 M  
1 2 3 4 5 6 7 8 9 10 11 12

1 Category FFC-FPC	2 Series Number 100-Pitch1.00mm	3 Distinction No. 32	4 Circuits XX	5 Assemble Layout S-SMT	6 Entry Angle B-90° Angle
7 Contact Position B-Bottom	8 ZIF 1-ZIF	9 Plating 2-Tin Plated	10 Material-Resin 3-LCP	11 Color-Resin W5-Natural,Black	12 Packaging M-Reel





Recommended P.C.Board Layout

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. FFC10032-XXSBB123W5M		ITEM NO. FFC10032	 Leader Of Industry
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20)	X.±5° .X'±2'	CHECKED BY JACOB	DATE 18/JUN/13	TITLE FPC/FFC Connector 1.00mm Bottom Contact SMT		
SCALE 5:1	SIZE A4	X.XX±.006(0.15) X.XXX±.004(0.10)	.XX'±1° .XXX'±0.5°	DRAWN BY CHERRY	DATE 18/JUN/13	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

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Circuits (n)	Part No.	Dimensions(in/mm)						
		A	B	C	D	E	F	G
4	FFC10032-04SBB123W5M	.350(8.90)	.118(3.00)	.335(8.50)	.201(5.10)	.209(5.30)	.236(6.00)	.169(4.30)
5	FFC10032-05SBB123W5M	.390(9.90)	.157(4.00)	.374(9.50)	.240(6.10)	.248(6.30)		
6	FFC10032-06SBB123W5M	.492(10.90)	.197(5.00)	.413(10.50)	.280(7.10)	.287(7.30)	.226(5.75)	.161(4.10)
7	FFC10032-07SBB123W5M	.469(11.90)	.236(6.00)	.453(11.50)	.319(8.10)	.327(8.30)		
8	FFC10032-08SBB123W5M	.508(12.90)	.276(7.00)	.492(12.50)	.358(9.10)	.327(9.30)	.236(6.00)	.169(4.30)
9	FFC10032-09SBB123W5M	.547(13.90)	.315(8.00)	.531(13.50)	.398(10.10)	.406(10.30)		
10	FFC10032-10SBB123W5M	.587(14.90)	.354(9.00)	.571(14.50)	.437(11.10)	.445(11.30)	.226(5.75)	.161(4.10)
12	FFC10032-12SBB123W5M	.665(16.90)	.433(11.00)	.650(16.50)	.516(13.10)	.524(13.30)		
20	FFC10032-20SBB123W5M	.980(24.90)	.748(19.00)	.965(24.50)	.831(21.10)	.839(21.30)	.236(6.00)	.169(4.30)
24	FFC10032-24SBB123W5M	1.138(28.90)	.906(23.00)	1.126(28.50)	.992(25.10)	.996(25.30)		
25	FFC10032-25SBB123W5M	1.177(29.90)	.945(24.00)	1.165(29.50)	1.032(26.10)	1.035(26.30)		
26	FFC10032-26SBB123W5M	1.217(30.90)	.988(25.00)	1.204(30.50)	1.067(27.10)	1.075(27.30)		
28	FFC10032-28SBB123W5M	1.295(32.90)	1.063(27.00)	1.283(32.50)	1.145(29.10)	1.154(29.30)		
30	FFC10032-30SBB123W5M	1.374(34.90)	1.141(29.00)	1.362(34.50)	1.224(31.10)	1.272(32.30)		
32	FFC10032-32SBB123W5M	1.453(36.90)	1.220(31.00)	1.441(36.50)	1.302(33.10)	1.311(33.30)		

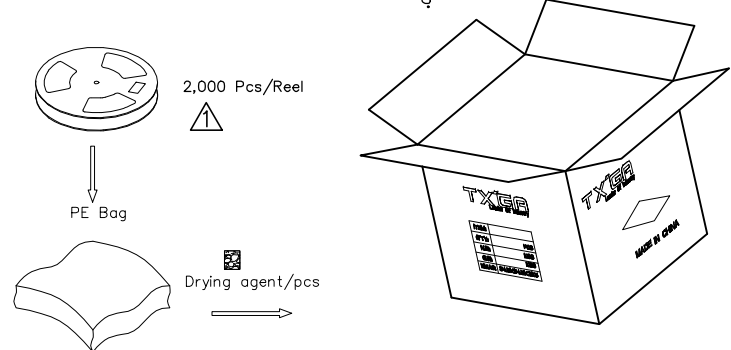
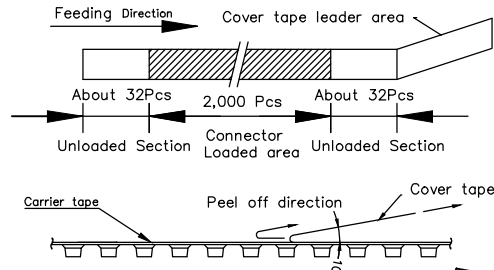
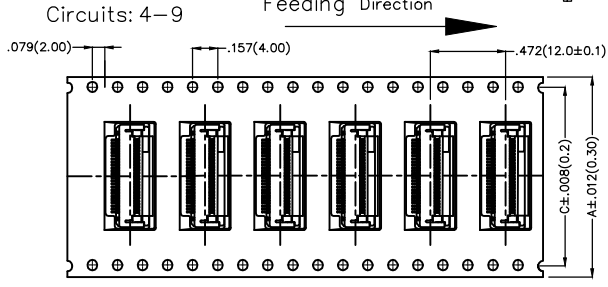
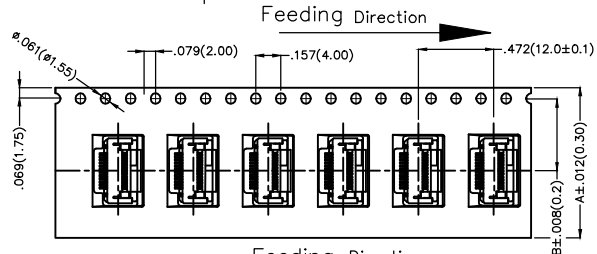
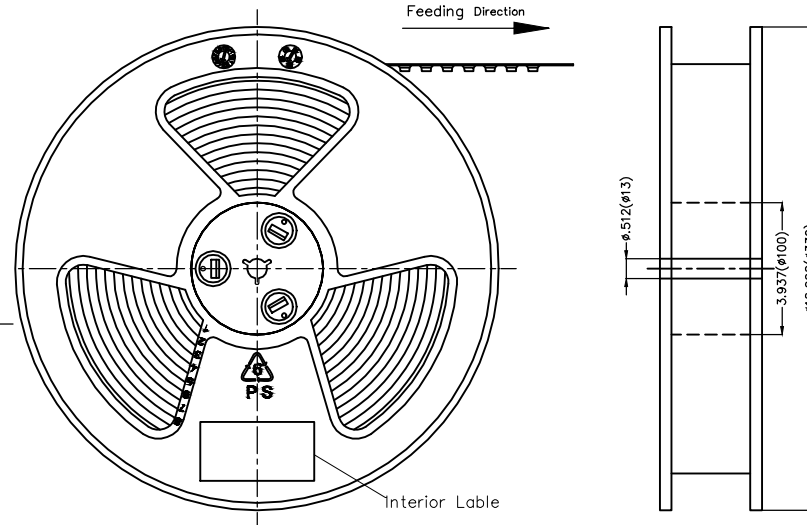
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	SCALE SIZE 5:1 A4	X.XX±.006(0.15) .XX±1' X.XXX±.004(0.10) .XXX±0.5'	DRAWN BY CHERRY	DATE 18/JUN/13	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

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Note:

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

Circuits (n)	Dimensions (in/mm)		
	A	B	C
4~9	.945(24.0)	.453(11.5)	—
10~16	1.260(32.0)	.561(14.25)	1.033(26.50)
17~27	1.732(44.0)	.797(20.25)	1.594(40.50)



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		X.XXX±.004(0.10)	.XXX±0.5'			REV 1	SHEET NO. 3/3