

SIGN	DATE	DESCRIPTION	APPROVER
			Tony
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### SPECIFICATIONS

**RATINGS**  
 Current Rating: 0.5A  
 Voltage Rating: 100V AC(r.m.s.)  
 Temperature Range: -40°C - +105°C  
 Contact Resistance: <30mΩ  
 Insulation Resistance: >500MΩ  
 Dielectric Withstanding Volt: 500V AC for 1 min  
 Reflow Temperature: 230°C for 60 sec.  
 260°C for 10 sec.

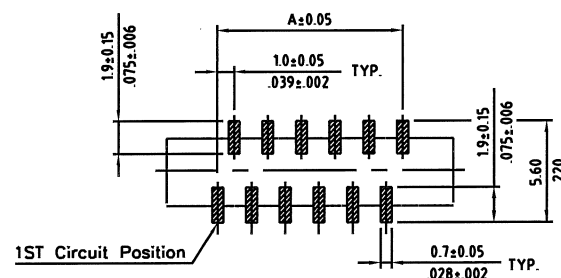
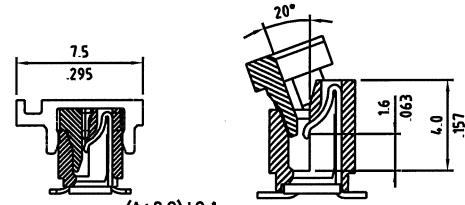
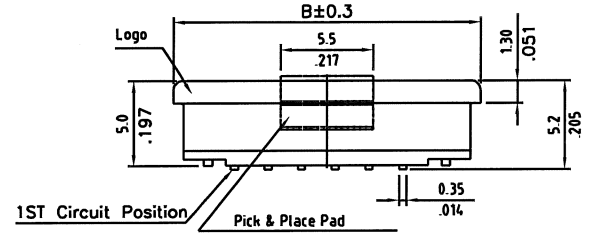
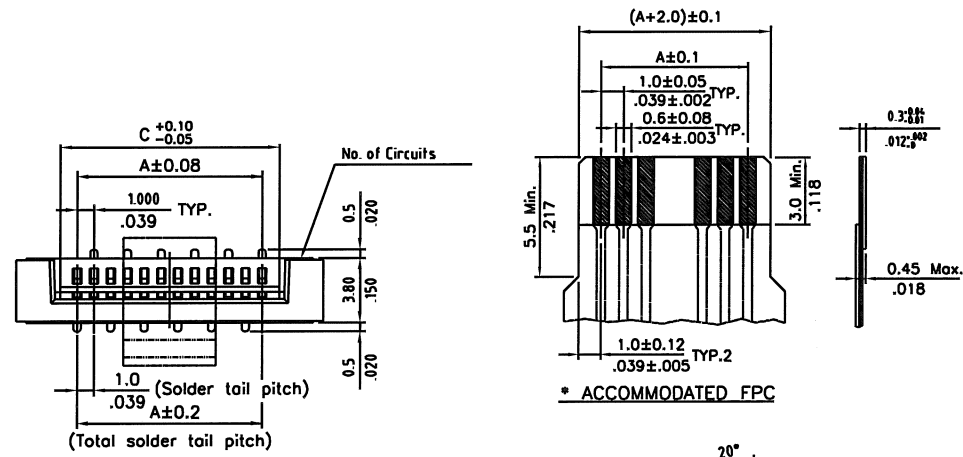
**MATERIAL:**  
 Body: Nylon 6T (Natural)  
 Slider: Nylon 6T (Brown)  
 Contact: Phosphor Bronze  
 Plating: 100u" Sn over 30u" Ni  
 Flammability: UL94V-0

RoHS Compliant

Part Number

FPC100ZXXSV5XX

# of circuits      Packaging  
 TU - tube  
 RP - tape/reel w/pad



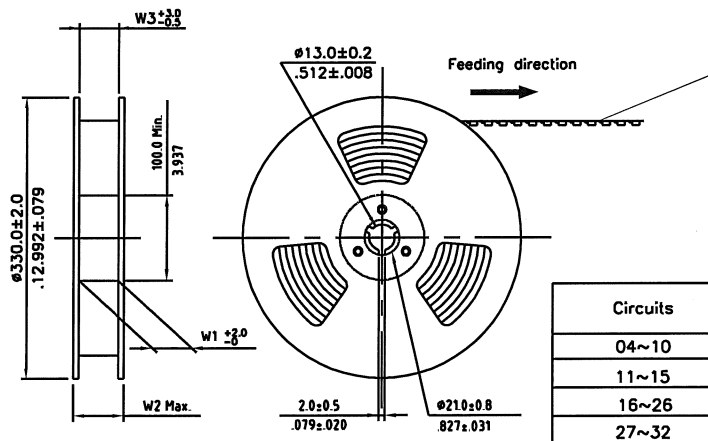
Recommended P.C. Board Layout

A = 1.00 \* No. of Spaces  
 B = A + 7.2  
 C = A + 2.1  
 \* Available in 04 through 32 circuits

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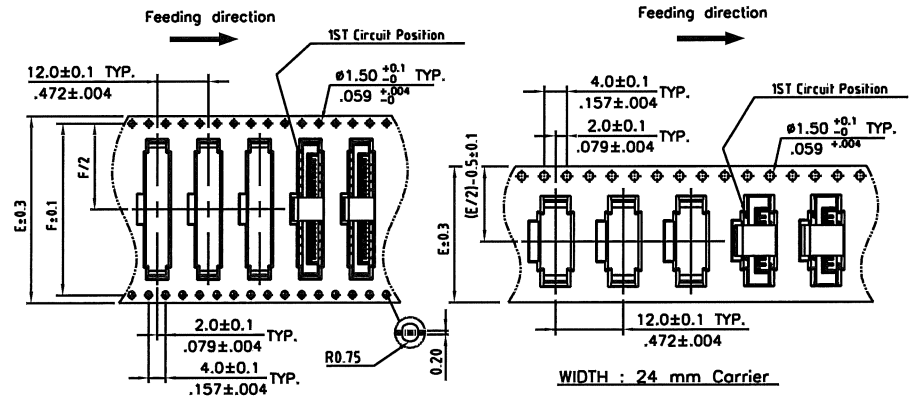
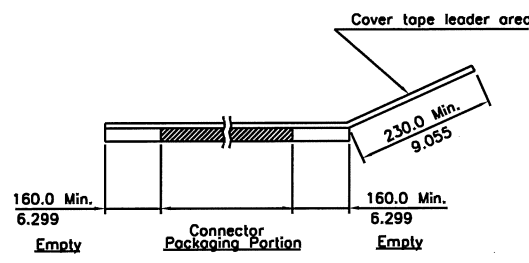
		TITLE		FPC 1.00mm, ZIF FFC/FPC, SMT connector	
		PART NO.		FPC100ZXXSV5XX	
APPROVED		CHECKED	DESIGNED	DRAWN	DWG NO. FPC100ZXXSV5XX.DWG
Alex 2007.06.19	David 2007.06.19	Eisley 2007.06.19	Sandy 2007.06.19		4050
				Tolerance	
				UNIT: mm/inch .X ±0.15/.006	
				SCALE: NONE .XX ±0.10/.004	
				SHEET: 01/02 REV: A .XXX ±0.05/.002	

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- NOTE :
- \* Reel Material : HIPS
  - \* Carrier Material : Clear, Conductive Polystyrene Alloy
  - \* Cover Tape Material : Polyester
  - \* Cover Tape Peel Strength : 0.1N - 1.3N
  - \* Carrier camber is within 1mm in 250mm
  - \* All dimensions meet EIA-481-B requirements.
  - \* Quantity : 800 PCS/Reel

Circuits	Dimension					Packing (Reel/Carton)
	E	F	W1	W2	W3	
04~10	24.0(.945)	-	24.5(.965)	30.5(1.201)	24.5(.965)	9
11~15	32.0(1.260)	28.40(1.118)	32.5(1.280)	38.5(1.516)	32.5(1.280)	7
16~26	44.0(1.732)	40.40(1.591)	44.5(1.752)	50.5(1.988)	44.5(1.752)	5
27~32	56.0(2.205)	52.40(2.063)	56.5(2.224)	62.5(2.461)	56.5(2.224)	3



WIDTH : 32, 44 & 56 mm Carrier

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TITLE		FPC100Z Series - REEL PACKAGING		
PART NO.	FPC100Z	DWG NO.	FPC100Z.DWG	
APPROVED	CHECKED	DESIGNED	DRAWN	4050
Alex 2007.05.05	David 2007.05.05	Eisley 2005.05.05	Sandy 2007.05.05	
				Tolerance
				UNIT: mm/inch
				SCALE: NONE
				XXX ± 0.15/0.06
				XXX ± 0.10/0.04
				XXX ± 0.05/0.02
SHEET: 02/02				REV: A