

SIGN		DATE		DESCRIPTION		APPROVER
						Tony
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A = 1.00 * No. of Spaces
 B = A + 8.0
 C = A + 2.1
 * Available in 04 through 32 circuits

SPECIFICATIONS

RATINGS
 Current Rating: 1A
 Voltage Rating: 100V AC(r.m.s.)
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: <20mΩ
 Insulation Resistance: >500MΩ
 Dielectric Withstanding Volt: 500V AC for 1min
 Reflow Temperature: 230°C for 60 sec.
 260°C for 10 sec.

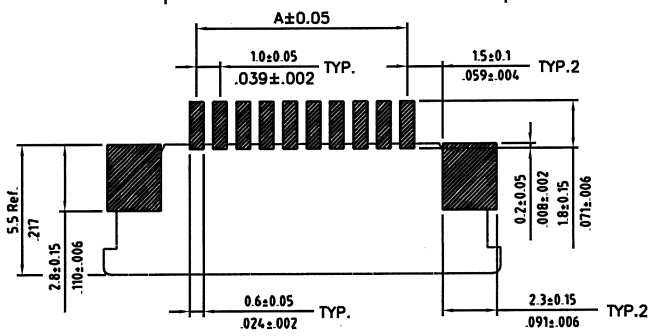
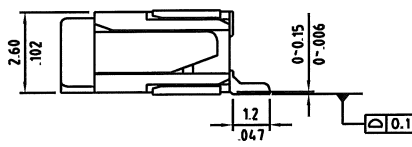
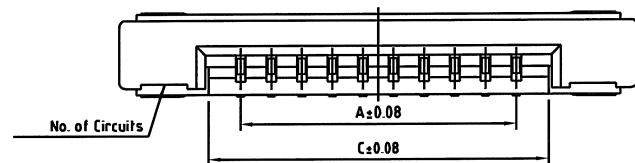
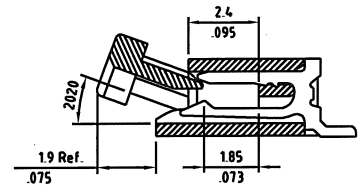
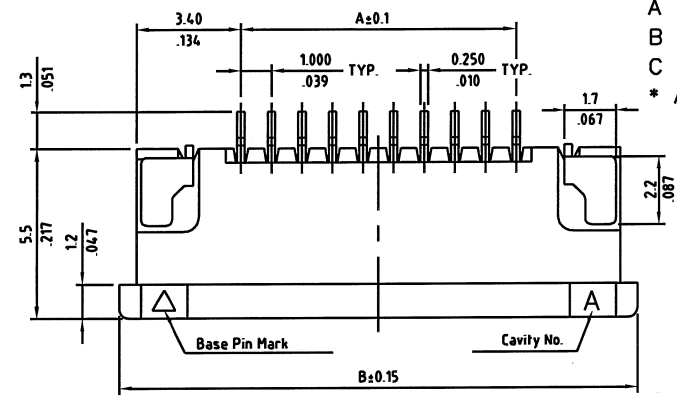
MATERIAL:
 Body: Glass Filled Nylon 6T
 Slider: PPS, 40% GF
 Contact: Copper Alloy, Tin plated
 Plating: Tin over Nickel
 Fixed Tab: Copper Alloy, Tin plated
 Flammability: UL94V-0
 RoHS Compliant

Part Number

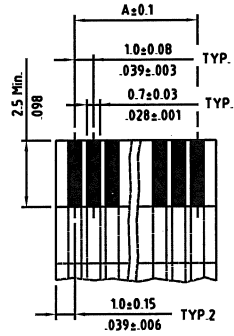
FPC100ZXXSRD5XX

of circuits

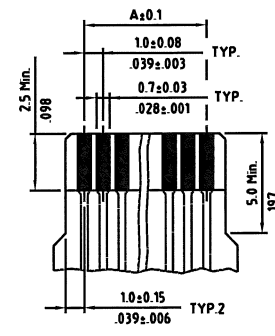
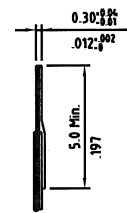
Packaging
 TU - tube
 TR - tape/reel



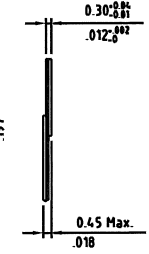
Solder Pad Pattern



Accommodated FFC



Accommodated FPC

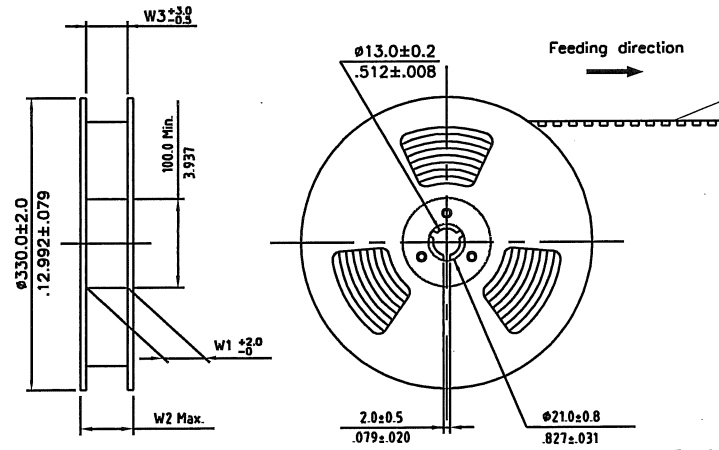


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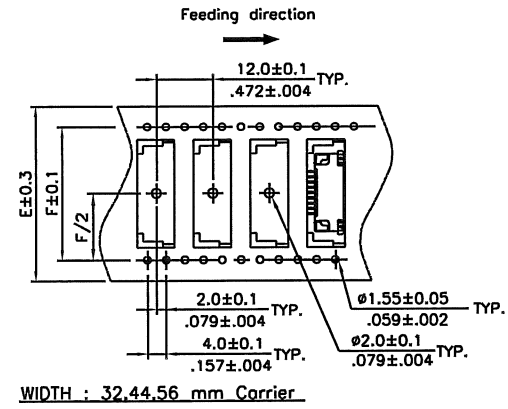
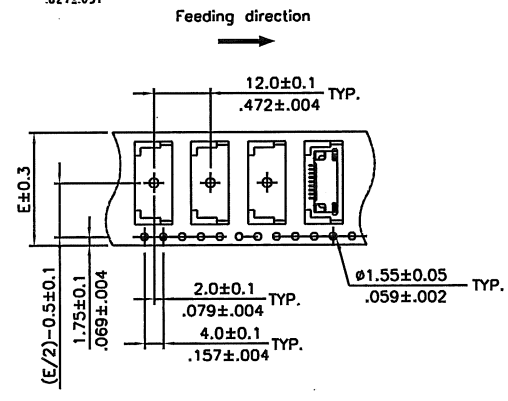
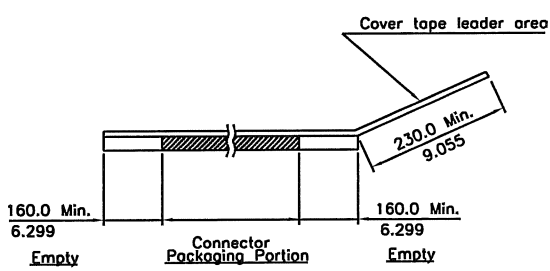
TITLE		FPC 1.00mm, ZIF, downside contact, SMT			
PART NO.		FPC100ZXXSRD5XX		DWG NO.	FPC100ZXXSRD5XX.DWG
APPROVED		CHECKED	DESIGNED	DRAWN	4050
Alex 2007.06.19	David 2007.06.19	Eisley 2007.06.19	Sandy 2007.06.19	Tolerance	
				UNIT: mm/inch	X ±0.30/120
				SCALE: NONE	XX ±0.20/008
				SHEET: 01/01	REV.: B XXX ±0.10/004

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- NOTE :
- 10 sprocket hole pitch cumulative tolerance ± 0.20
 - Carrier camber is within 1 mm in 100 mm .
 - Material : Transparent Conductive Polystyrene Alloy (UP-5000) 100% recyclable.
 - All dimensions meet EIA-481-3 requirements.
 - Thickness : 0.33 ± 0.03 mm.
 - Packing length per 22" reel : 75.0 Meters.
 - Component load per 13" reel : 2000 pcs.



Circuits	Dimension				
	E	F	W1	W2	W3
04-8	24.0(.945)	-	24.5(.965)	30.5(1.201)	24.5(.965)
09-14	32.0(1.260)	28.40(1.118)	32.5(1.280)	38.5(1.516)	32.5(1.280)
15-25	44.0(1.732)	40.40(1.596)	44.5(1.752)	50.5(1.988)	44.5(1.752)
26-32	56.0(2.205)	52.40(2.062)	56.5(2.224)	62.5(2.460)	56.5(2.224)



WIDTH : 24 mm Carrier

WIDTH : 32.44.56 mm Carrier

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TITLE		FPC100Z Series Side Entry - 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
				.X ± 0.15 / .006
				.XX ± 0.10 / .004
				.XXX ± 0.05 / .002
SHEET: 02/02				REV: A