

SIGN	DATE	DESCRIPTION	APPROVER
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SPECIFICATIONS

RATINGS

Current Rating: 0.5A
 Voltage Rating: 50V AC(r.m.s.)
 Temperature Range: -40°C ~ +105°C
 Contact Resistance: <50mΩ
 Insulation Resistance: >500MΩ
 Dielectric Withstanding Volt: 150V AC for 1 min

MATERIAL:

Body: Nylon 46 with 40% GF
 Color: Nature
 Contact: Phosphor Bronze
 Plating: 120u" Tin over 30u" Nickel
 Flammability: UL94V-0

RoHS Compliant

Part Number

FPC0503XX5XX

of circuits
04 - 50

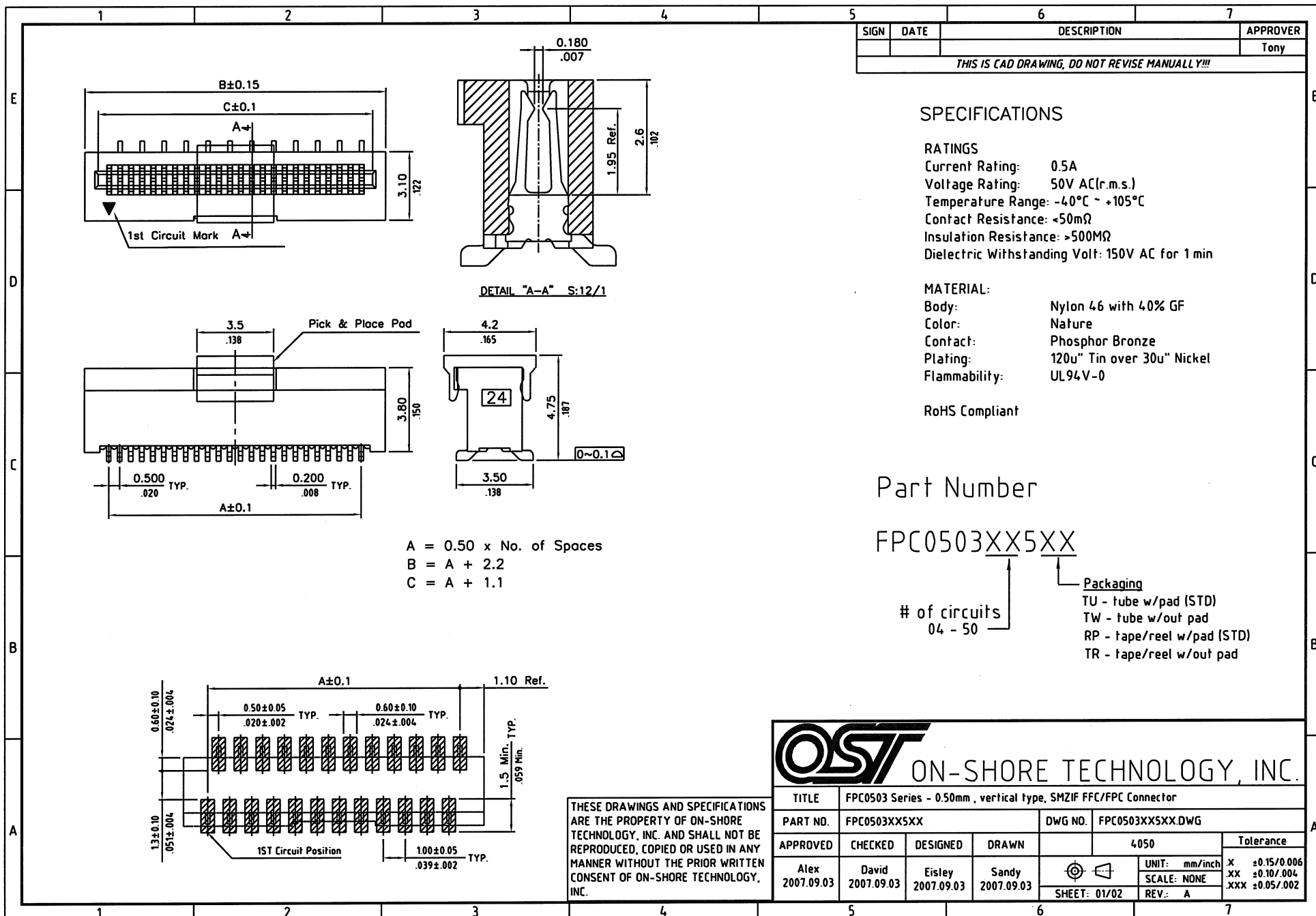
⬆ Packaging

TU - tube w/pad (STD)
 TW - tube w/out pad
 RP - tape/reel w/pad (STD)
 TR - tape/reel w/out pad



TITLE	FPC0503 Series - 0.50mm, vertical type, SMZIF FFC/FPC Connector				
PART NO.	FPC0503XX5XX		DWG NO.	FPC0503XX5XX.DWG	
APPROVED	CHECKED	DESIGNED	DRAWN	4050	Tolerance
Alex 2007.09.03	David 2007.09.03	Eisley 2007.09.03	Sandy 2007.09.03	UNIT: mm/inch SCALE: NONE SHEET: 01/02 REV: A	X ±0.15/0.006 XX ±0.10/0.004 XXX ±0.05/0.002

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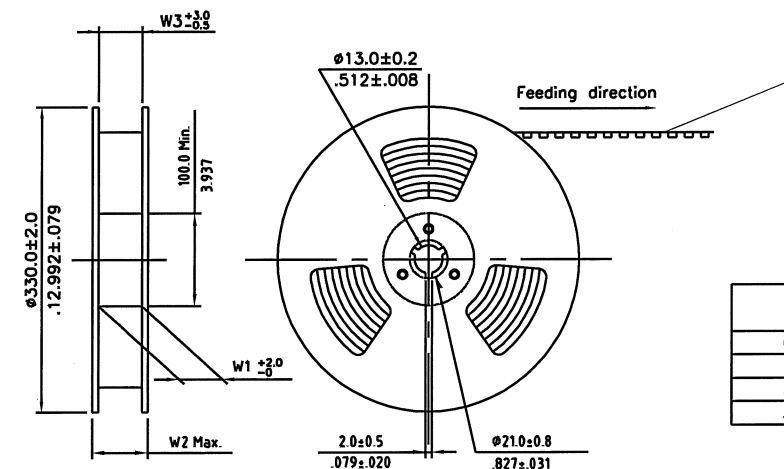


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NOTES:

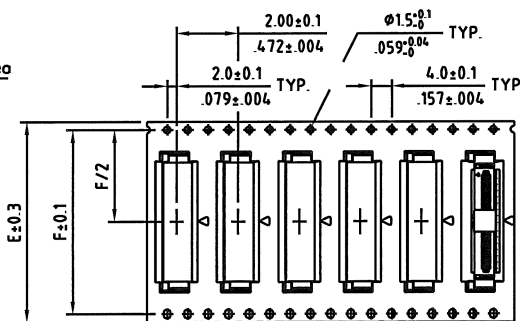
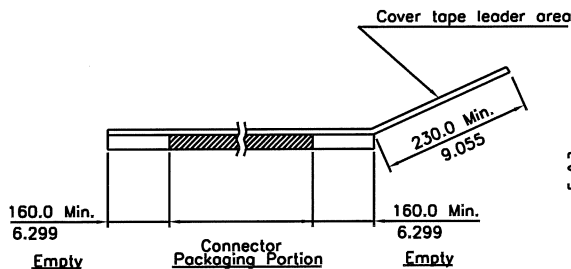
1. 10 sprocket hole pitch cumulative tolerance ± 0.20 .
2. Carrier camber is within 1 mm in 250 mm.
3. Material : Clear, Transparent Polystyrene Alloy (UP-6000).
4. All dimensions meet EIA-481-B requirements.
5. Thickness : 0.40 ± 0.05 mm.
6. Packing length per 22" reel : 98.5 Meters.
7. Component load per 13" reel : 1000 pcs.

Circuits	Dimension					Packing (Reel/Coton)
	E	F	W1	W2	W3	
04-14	16.0(.630)	—	16.5(.650)	22.5(.886)	16.5(.650)	11
15-30	24.0(.945)	—	24.5(.965)	30.5(1.200)	24.5(.965)	9
31-38	32.0(1.260)	28.40(1.118)	32.5(1.280)	38.5(1.516)	32.5(1.280)	7
39-50	44.0(1.732)	40.40(1.596)	44.5(1.752)	50.5(1.988)	44.5(1.752)	5

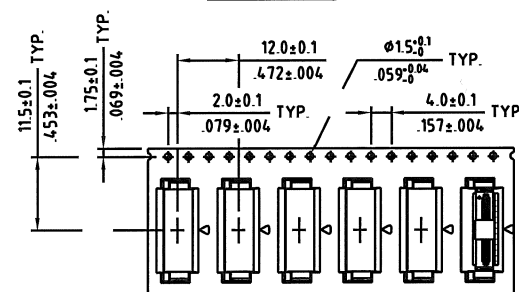


Feeding direction

Feeding direction



WIDTH : 32. 44 mm Carrier



WIDTH : 16. 24 mm Carrier



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TITLE		FPC0503 Series Tape-Reel Packaging				
PART NO.					DWG NO.	
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	X ±0.15/0.006
					SCALE: NONE	XX ±0.10/.004
					REV: A	XXX ±0.05/.002
					SHEET: 02/02	