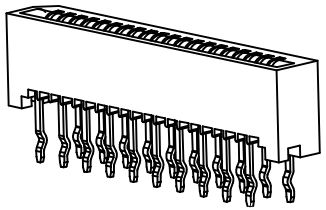
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



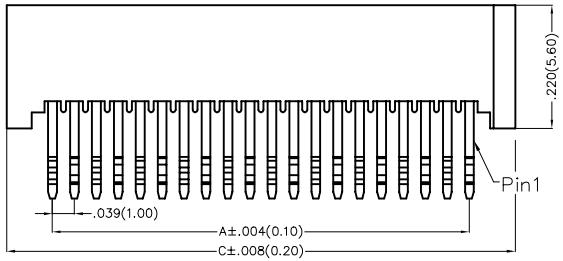
SPECIFICATIONS

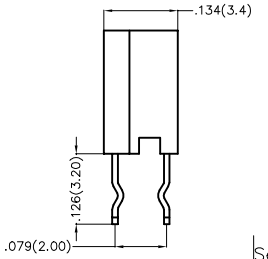
Electrical

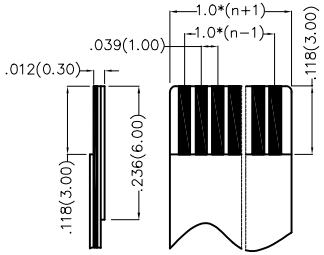
Current Rating: 1A AC(rms)/DC
Voltage Rating: 50V AC(rms)/DC
Contact Resistance: 20 mΩ Max
Insulation Resistance: 800 MΩ MIN
Withstanding Voltage: 500V AC r.m.s
Temperature Range–Operating: –40°C～+85°C

Material and Plating

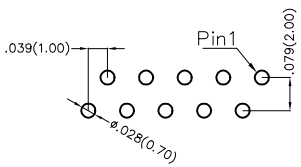
Housing: PA46 UL UL 94V–0
Actuator: Heat Resistant Polymer UL 94V–0
Terminal: Phosphor Bronze/Tin–Plated
Stopper: Phosphor Bronze/Tin–Plated



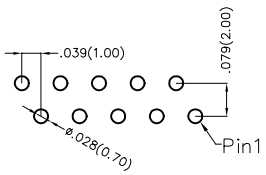




Applicable FFC
Recommended Dimension



Positive Needle–A



Versa Needle–B

Recommended P.C.Board Layout

Ordering Information

FFC	100	13	—	XX	D	S	X	2	2	4	W1	L
1	2	3		4	5	6	7	8	9	10	11	12

1. Series Name: FFC–FPC
2. Series Number: 100–Pitch1.00mm
3. Distinction No.: 13
4. Circuits: XX
5. Entry Type: D–DIP
6. Contact Type: S–Top Entry Type
7. PCB Layout: A–Positive Needle; B–Versa Needle
8. ZIF: 2–NON ZIF
9. Plating: 2–Tin Plated All
10. Plastic: 4–PA46
11. Plastic Colour: W1–White
12. Packaging: PE Tube–L

Circuits (n)	Part No.	Dimensions(in/mm)		
		A	B	C
8	FFC10013–08DSX224W1L	.276(7.00)	.358(9.10)	.453(11.20)
9	FFC10013–09DSX224W1L	.315(8.00)	.398(10.10)	.492(12.20)
11	FFC10013–11DSX224W1L	.394(10.00)	.476(12.10)	.571(14.20)
12	FFC10013–12DSX224W1L	.433(11.00)	.516(13.10)	.611(15.20)
16	FFC10013–16DSX224W1L	.591(15.00)	.673(17.10)	.768(19.20)
22	FFC10013–22DSX224W1L	.827(21.00)	.910(23.10)	1.004(25.50)
26	FFC10013–26DSX224W1L	.984(25.00)	1.067(27.10)	1.142(29.00)

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 5/AUG/13	PART NO. FFC10013–XXDSX224W1L / ITEM NO. FFC10013
DESIGN UNITS Inch (metric)	X.±.012(0.30)	X.°±5°	CHECKED BY CHERRY	DATE 5/AUG/13	TITLE FPC .039″(1.00mm) SMT CUPPER CONTACT TYPE
	X.X±.008(0.20)	.X°±2°			
	X.XX±.006(0.15)	.XX°±1°	DRAWN BY JACOB	DATE 5/AUG/13	REV 0 / SHEET NO. 1/1
SCALE 5:1 / SIZE A4	X.XXX±.004(0.10)	.XXX°±0.5°			

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