

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	1. Size changes 2. Material-Resin change	14/MAY/21	KATE	CHERRY

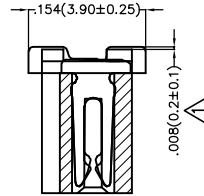
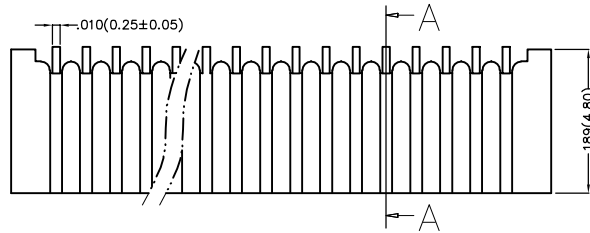
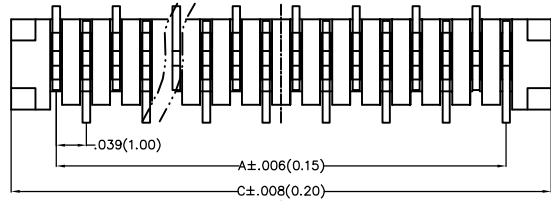
SPECIFICATIONS

Electrical

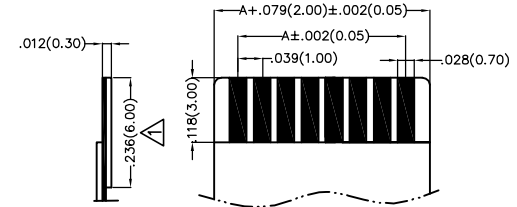
Current Rating: 0.5A AC(rms)/DC
 Voltage Rating: 50V AC(rms)/DC
 Contact Resistance: 20 mΩ Max
 Insulation Resistance: 800 MΩ MIN
 Withstanding Voltage: 500V AC r.m.s
 Temperature Range-Operating: -25°C~+85°C

Material

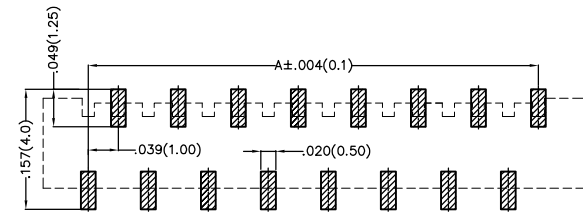
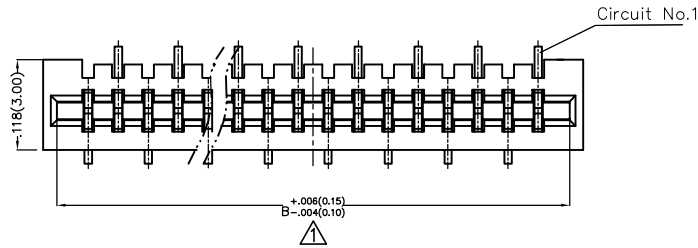
Housing: PA9T (UL94 V-0)
 Contact: Phosphor bronze/ Tin plated



Section A-A



Applicable FFC
 Recommended Dimension



A-Positive Needle

Recommended P.C.Board Layout
 TOLERANCES: ±0.05mm

Ordering Information

FFC 100 25 - XX S S A 2 2 4 K6 M
 1 2 3 4 5 6 7 8 9 10 11 12

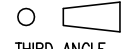

1 Category FFC-FPC	2 Series Number 100-Pitch1.00mm	3 Distinction No. 25	4 Circuits XX	5 Assemble Layout S-SMT	6 Entry Angle S-180° Vertical
7 Contact Type A-Positive Needle	8 ZIF 2-Non ZIF	9 Plating 2-Tin Plated	10 Material-Resin 4-PA9T △	11 Color-Resin K6-Black	12 Packaging M-Reel

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. FFC10025-XXSSA224K6M	ITEM NO. FFC10025	 Leader Of Industry	
	X.±.012(0.30)	X:±5'	CHECKED BY JACOB	DATE 18/JUN/13	TITLE FPC/FFC Connector 1.00mm Positive Needle SMT			
DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X'±2'	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		REV 1	SHEET NO. 1/4
SCALE 5:1	SIZE A4	X.XX±.006(0.15)						
		X.XXX±.004(0.10)						

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISED	APPD

Circuits (n)	Part No.	Dimensions(in./mm)			Circuits (n)	Part No.	Dimensions(in./mm)		
		A	B	C Δ			A	B	C Δ
4	FFC10025-04SSA224K6X	.118(3.00)	.201(5.10)	.244(6.20)	23	FFC10025-23SSA224K6X	.866(22.00)	.949(24.10)	.992(25.20)
5	FFC10025-05SSA224K6X	.157(4.00)	.240(6.10)	.283(7.20)	24	FFC10025-24SSA224K6X	.906(23.00)	.988(25.10)	1.031(26.20)
6	FFC10025-06SSA224K6X	.197(5.00)	.279(7.10)	.323(8.20)	25	FFC10025-25SSA224K6X	.945(24.00)	1.028(26.10)	1.071(27.20)
7	FFC10025-07SSA224K6X	.236(6.00)	.319(8.10)	.362(9.20)	26	FFC10025-26SSA224K6X	.988(25.00)	1.067(27.10)	1.110(28.20)
8	FFC10025-08SSA224K6X	.276(7.00)	.358(9.10)	.402(10.20)	27	FFC10025-27SSA224K6X	1.028(26.00)	1.106(28.10)	1.150(29.20)
9	FFC10025-09SSA224K6X	.315(8.00)	.398(10.10)	.441(11.20)	28	FFC10025-28SSA224K6X	1.063(27.00)	1.146(29.10)	1.189(30.20)
10	FFC10025-10SSA224K6X	.354(9.00)	.437(11.10)	.480(12.20)	29	FFC10025-29SSA224K6X	1.102(28.00)	1.185(30.10)	1.228(31.20)
11	FFC10025-11SSA224K6X	.394(10.00)	.476(12.10)	.520(13.20)	30	FFC10025-30SSA224K6X	1.141(29.00)	1.224(31.10)	1.268(32.20)
12	FFC10025-12SSA224K6X	.433(11.00)	.516(13.10)	.559(14.20)	31	FFC10025-31SSA224K6X	1.181(30.00)	1.264(32.10)	1.307(33.20)
13	FFC10025-13SSA224K6X	.472(12.00)	.555(14.10)	.598(15.20)	32	FFC10025-32SSA224K6X	1.220(31.00)	1.303(33.10)	1.346(34.20)
14	FFC10025-14SSA224K6X	.512(13.00)	.594(15.10)	.638(16.20)	33	FFC10025-33SSA224K6X	1.256(32.00)	1.342(34.10)	1.386(35.20)
15	FFC10025-15SSA224K6X	.551(14.00)	.634(16.10)	.677(17.20)	34	FFC10025-34SSA224K6X	1.299(33.00)	1.382(35.10)	1.425(36.20)
16	FFC10025-16SSA224K6X	.591(15.00)	.673(17.10)	.717(18.20)	35	FFC10025-35SSA224K6X	1.338(34.00)	1.421(36.10)	1.465(37.20)
17	FFC10025-17SSA224K6X	.630(16.00)	.713(18.10)	.756(19.20)	36	FFC10025-36SSA224K6X	1.378(35.00)	1.460(37.10)	1.504(38.20)
18	FFC10025-18SSA224K6X	.669(17.00)	.752(19.10)	.795(20.20)	37	FFC10025-37SSA224K6X	1.417(36.00)	1.500(38.10)	1.543(39.20)
19	FFC10025-19SSA224K6X	.708(18.00)	.791(20.10)	.835(21.20)	38	FFC10025-38SSA224K6X	1.456(37.00)	1.539(39.10)	1.583(40.20)
20	FFC10025-20SSA224K6X	.748(19.00)	.831(21.10)	.874(22.20)	39	FFC10025-39SSA224K6X	1.496(38.00)	1.579(40.10)	1.622(41.20)
21	FFC10025-21SSA224K6X	.787(20.00)	.870(22.10)	.913(23.20)	40	FFC10025-40SSA224K6X	1.535(39.00)	1.618(41.10)	1.661(42.20)
22	FFC10025-22SSA224K6X	.827(21.00)	.909(23.10)	.953(24.20)					

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. FFC10025-XXSSA224K6M	ITEM NO. FFC10025	 Leader Of Industry
	DESIGN UNITS Inch (metric)	X.±.012(0.30)	X.±5'	CHECKED BY JACOB	DATE 18/JUN/13	TITLE FPC/FFC Connector 1.00mm Positive Needle SMT	
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX'±1'	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	
		X.XXX±.004(0.10)	.XXX'±0.5'				

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	1. Size changes 2. Material-Resin change	14/MAY/21	KATE	CHERRY

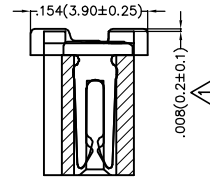
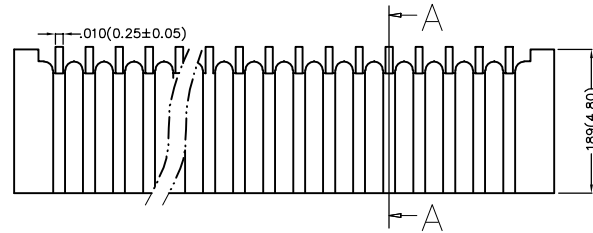
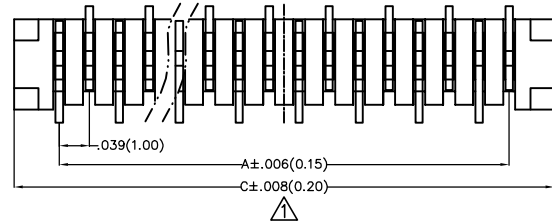
SPECIFICATIONS

Electrical

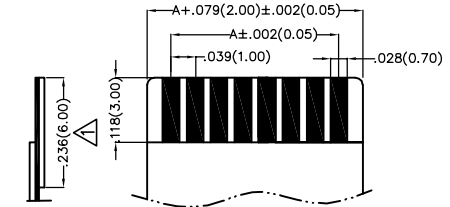
Current Rating: 0.5A AC(rms)/DC
 Voltage Rating: 50V AC(rms)/DC
 Contact Resistance: 20 mΩ Max
 Insulation Resistance: 800 MΩ MIN
 Withstanding Voltage: 500V AC r.m.s
 Temperature Range-Operating: -25°C~+85°C

Material

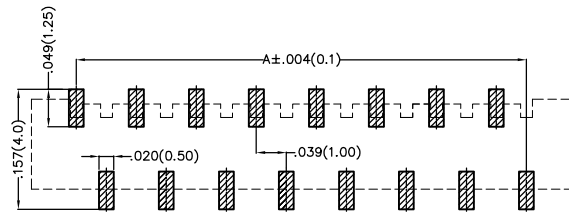
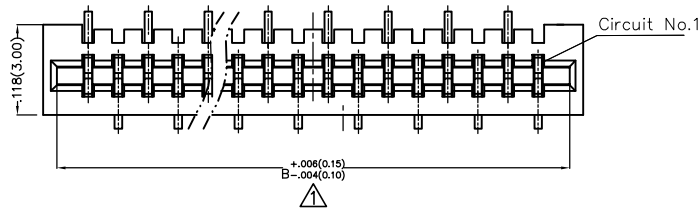
Housing: PA9T (UL94 V-0)
 Contact: Phosphor bronze/ Tin plated



Section A-A



Applicable FFC
 Recommended Dimension



B-Versa Needle

Recommended P.C.Board Layout
 TOLERANCES: ±0.05mm

Ordering Information

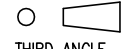

FFC 100 25 — XX S S B 2 2 4 K6 M
 1 2 3 4 5 6 7 8 9 10 11 12

1	Category FFC-FPC	2	Series Number 100-Pitch1.00mm	3	Distinction No. 25	4	Circuits XX	5	Assemble Layout S-SMT	6	Entry Angle S-180° Vertical
7	Contact Type B-Versa Needle	8	ZIF 2-Non ZIF	9	Plating 2-Tin Plated	10	Material-Resin 4-PA9T △	11	Color-Resin K6-Black	12	Packaging M-Reel

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. FFC10025-XXSSB224K6M	ITEM NO. FFC10025	<p>Leader Of Industry</p>	
	X.±.012(0.30)	X.±5'	CHECKED BY JACOB	DATE 18/JUN/13	TITLE FPC/FFC Connector 1.00mm Versa Needle SMT			
DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X'±2'	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		REV 1	SHEET NO. 3/4
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX±1'					
		X.XXX±.004(0.10)	.XXX±0.5'					

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

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 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. FFC10025-XXSSB224K6M	ITEM NO. FFC10025	 Leader Of Industry
	X.±.012(0.30)	X.±5'	CHECKED BY JACOB	DATE 18/JUN/13	TITLE FPC/FFC Connector 1.00mm Versa Needle SMT		
	X.XX±.008(0.20)	.X'±2'	DRAWN BY CHERRY	DATE 18/JUN/13	REV 1	SHEET NO. 4/4	
	X.XX±.006(0.15)	.XX'±1'	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XXX'±0.5'				