

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

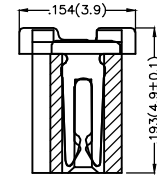
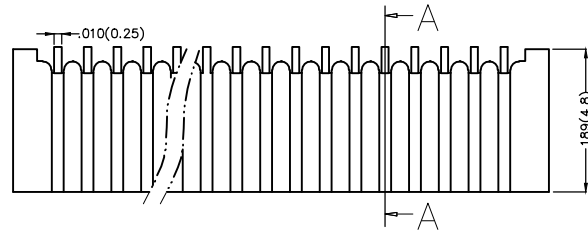
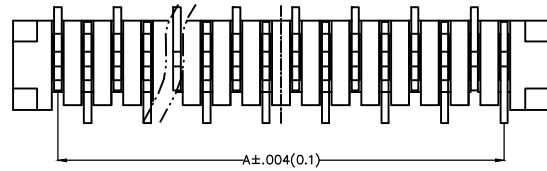
SPECIFICATIONS

Electrical

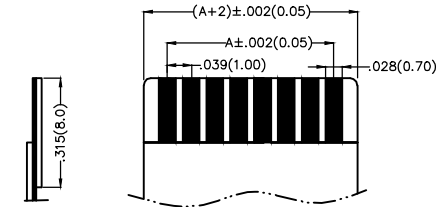
Current Rating: 0.4A AC(rms)/DC
Voltage Rating: 50V AC(rms)/DC
Contact Resistance: 20 mΩ Max
Insulation Resistance: 500 MΩ MIN
Withstanding Voltage: 200V AC r.m.s
Temperature Range—Operating: -55°C~+85°C

Material

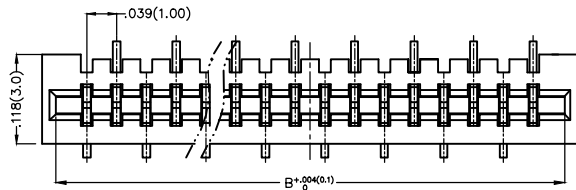
Housing: PA6T (UL94 V-0) Color: Natural
Contact: Brass/ Tin plated



Section A-A



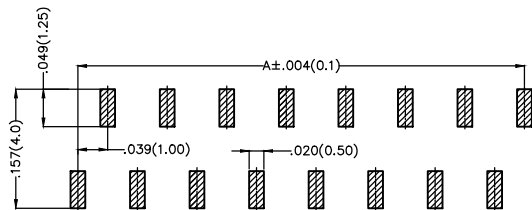
Applicable FFC
Recommended Dimension



Ordering Information

FFC 100 25 — XX S S A 2 2 4 K6 X
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-PA6T	11	Color-Resin K6-Black	12	Packaging M-Reel L-Tube



A-Positive Needle
Recommended P.C.Board Layout
TOLERANCES: ±0.05mm

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. FFC10025-XXSSA224K6X	ITEM NO. FFC10025	 TXGA Leader Of Industry	
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20) X.XX±.006(0.15) X.XXX±.004(0.10)	X.±5' .X±2' .XX±1' .XXX±0.5'	CHECKED BY JACOB	DATE 18/JUN/13	TITLE FPC/FFC Connector 1.00mm Positive Needle SMT		REV 0
SCALE 5:1	SIZE A4		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			

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

A

B

B

C

C

D

D

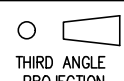

E

E

F

F

Circuits (n)	Part No.	Dimensions(in/mm)			Circuits (n)	Part No.	Dimensions(in/mm)		
		A	B	C			A	B	C
4	FFC10025-04SSA224K6X	.118(3.00)	.201(5.10)	.236(6.00)	23	FFC10025-23SSA224K6X	.866(22.00)	.949(24.10)	.988(25.00)
5	FFC10025-05SSA224K6X	.157(4.00)	.240(6.10)	.276(7.00)	24	FFC10025-24SSA224K6X	.906(23.00)	.988(25.10)	1.028(26.00)
6	FFC10025-06SSA224K6X	.197(5.00)	.279(7.10)	.315(8.00)	25	FFC10025-25SSA224K6X	.945(24.00)	1.028(26.10)	1.063(27.00)
7	FFC10025-07SSA224K6X	.236(6.00)	.319(8.10)	.354(9.00)	26	FFC10025-26SSA224K6X	.988(25.00)	1.067(27.10)	1.102(28.00)
8	FFC10025-08SSA224K6X	.276(7.00)	.358(9.10)	.394(10.00)	27	FFC10025-27SSA224K6X	1.028(26.00)	1.106(28.10)	1.141(29.00)
9	FFC10025-09SSA224K6X	.315(8.00)	.398(10.10)	.433(11.00)	28	FFC10025-28SSA224K6X	1.063(27.00)	1.146(29.10)	1.181(30.00)
10	FFC10025-10SSA224K6X	.354(9.00)	.437(11.10)	.472(12.00)	29	FFC10025-29SSA224K6X	1.102(28.00)	1.185(30.10)	1.220(31.00)
11	FFC10025-11SSA224K6X	.394(10.00)	.476(12.10)	.512(13.00)	30	FFC10025-30SSA224K6X	1.141(29.00)	1.224(31.10)	1.256(32.00)
12	FFC10025-12SSA224K6X	.433(11.00)	.516(13.10)	.551(14.00)	31	FFC10025-31SSA224K6X	1.181(30.00)	1.264(32.10)	1.299(33.00)
13	FFC10025-13SSA224K6X	.472(12.00)	.555(14.10)	.591(15.00)	32	FFC10025-32SSA224K6X	1.220(31.00)	1.303(33.10)	1.338(34.00)
14	FFC10025-14SSA224K6X	.512(13.00)	.594(15.10)	.630(16.00)	33	FFC10025-33SSA224K6X	1.256(32.00)	1.342(34.10)	1.378(35.00)
15	FFC10025-15SSA224K6X	.551(14.00)	.634(16.10)	.669(17.00)	34	FFC10025-34SSA224K6X	1.299(33.00)	1.382(35.10)	1.417(36.00)
16	FFC10025-16SSA224K6X	.591(15.00)	.673(17.10)	.708(18.00)	35	FFC10025-35SSA224K6X	1.338(34.00)	1.421(36.10)	1.456(37.00)
17	FFC10025-17SSA224K6X	.630(16.00)	.713(18.10)	.748(19.00)	36	FFC10025-36SSA224K6X	1.378(35.00)	1.460(37.10)	1.496(38.00)
18	FFC10025-18SSA224K6X	.669(17.00)	.752(19.10)	.787(20.00)	37	FFC10025-37SSA224K6X	1.417(36.00)	1.500(38.10)	1.535(39.00)
19	FFC10025-19SSA224K6X	.708(18.00)	.791(20.10)	.827(21.00)	38	FFC10025-38SSA224K6X	1.456(37.00)	1.539(39.10)	1.575(40.00)
20	FFC10025-20SSA224K6X	.748(19.00)	.831(21.10)	.866(22.00)	39	FFC10025-39SSA224K6X	1.496(38.00)	1.579(40.10)	1.614(41.00)
21	FFC10025-21SSA224K6X	.787(20.00)	.870(22.10)	.906(23.00)	40	FFC10025-40SSA224K6X	1.535(39.00)	1.618(41.10)	1.654(42.00)
22	FFC10025-22SSA224K6X	.827(21.00)	.909(23.10)	.945(24.00)					

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. FFC10025-XXSSA224K6X	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	REV 0		SHEET NO. 2/4
	DESIGN UNITS Inch (metric)	X.XX±.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		
	SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XXX±0.5'				

1 2 3 4 5 6 7 8

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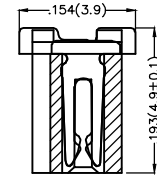
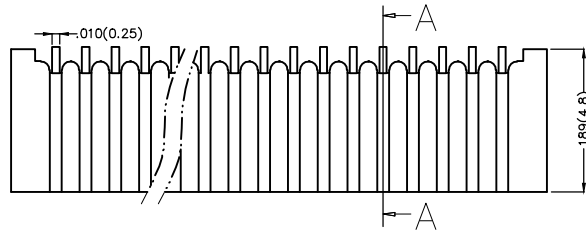
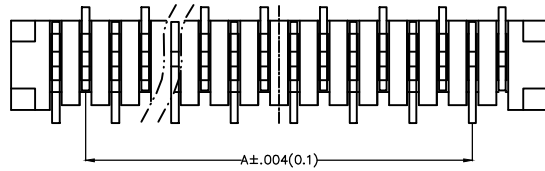
SPECIFICATIONS

Electrical

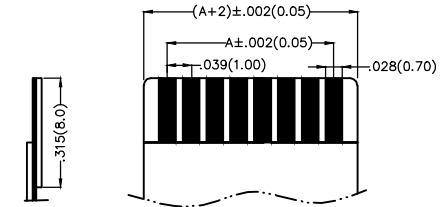
Current Rating: 0.4A AC(rms)/DC
 Voltage Rating: 50V AC(rms)/DC
 Contact Resistance: 20 mΩ Max
 Insulation Resistance: 500 MΩ MIN
 Withstanding Voltage: 200V AC r.m.s
 Temperature Range—Operating: -55°C~+85°C

Material

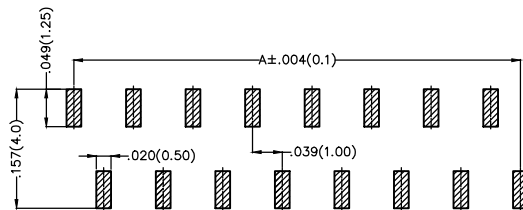
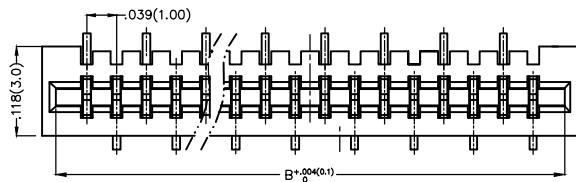
Housing: PA6T (UL94 V-0) Color: Natural
 Contact: Brass/ Tin plated



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 X
 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-PA6T	11	Color-Resin K6-Black	12	Packaging M-Reel L-Tube

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. FFC10025-XXSSB224K6X	ITEM NO. FFC10025	<p>Leader Of Industry</p>	
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20) X.XX±.006(0.15) X.XXX±.004(0.10)	X.±5' .X±2' .XX±1' .XXX±0.5'	CHECKED BY JACOB	DATE 18/JUN/13	TITLE FPC/FFC Connector 1.00mm Versa Needle SMT		REV 0
SCALE 5:1	SIZE A4		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			

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

A

B

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C

C

D

D

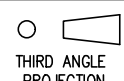

E

E

F

F

Circuits (n)	Part No.	Dimensions(in/mm)			Circuits (n)	Part No.	Dimensions(in/mm)		
		A	B	C			A	B	C
4	FFC10025-04SSB224K6X	.118(3.00)	.201(5.10)	.236(6.00)	23	FFC10025-23SSB224K6X	.866(22.00)	.949(24.10)	.988(25.00)
5	FFC10025-05SSB224K6X	.157(4.00)	.240(6.10)	.276(7.00)	24	FFC10025-24SSB224K6X	.906(23.00)	.988(25.10)	1.028(26.00)
6	FFC10025-06SSB224K6X	.197(5.00)	.279(7.10)	.315(8.00)	25	FFC10025-25SSB224K6X	.945(24.00)	1.028(26.10)	1.063(27.00)
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8	FFC10025-08SSB224K6X	.276(7.00)	.358(9.10)	.394(10.00)	27	FFC10025-27SSB224K6X	1.028(26.00)	1.106(28.10)	1.141(29.00)
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10	FFC10025-10SSB224K6X	.354(9.00)	.437(11.10)	.472(12.00)	29	FFC10025-29SSB224K6X	1.102(28.00)	1.185(30.10)	1.220(31.00)
11	FFC10025-11SSB224K6X	.394(10.00)	.476(12.10)	.512(13.00)	30	FFC10025-30SSB224K6X	1.141(29.00)	1.224(31.10)	1.256(32.00)
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19	FFC10025-19SSB224K6X	.708(18.00)	.791(20.10)	.827(21.00)	38	FFC10025-38SSB224K6X	1.456(37.00)	1.539(39.10)	1.575(40.00)
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22	FFC10025-22SSB224K6X	.827(21.00)	.909(23.10)	.945(24.00)					

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Leader Of Industry
	X.±.012(0.30)	X.±5'	FRANK	18/JUN/13	FFC10025-XXSSB224K6X	FFC10025	
	X.X±.008(0.20)	.X'±2'	CHECKED BY	DATE	TITLE		
	X.XX±.006(0.15)	.XX'±1'	JACOB	18/JUN/13	FPC/FFC Connector 1.00mm Versa Needle SMT		
SCALE	SIZE	X.XXX±.004(0.10)	.XXX'±0.5'	DRAWN BY	DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
5:1	A4			CHERRY	18/JUN/13	REV 0	SHEET NO. 4/4

1 2 3 4 5 6 7 8