

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

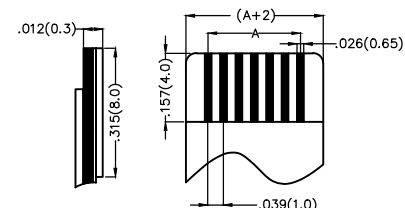
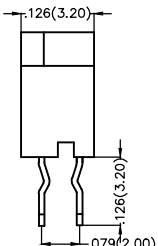
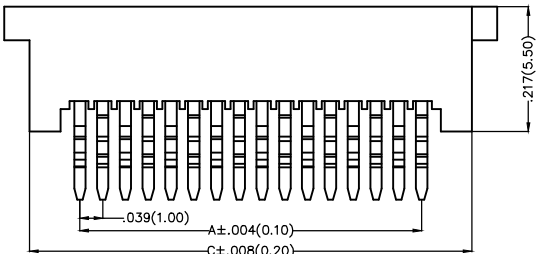
SPECIFICATIONS

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: PBT UL 94V-0/White
 Actuator: Heat Resistant Polymer UL 94V-0
 Terminal: Phosphor Bronze/Tin-Plated
 Stopper: Phosphor Bronze/Tin-Plated

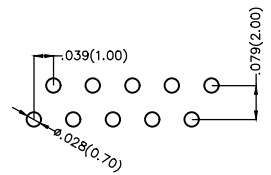


Applicable FFC Recommended Dimension

Ordering Information

FFC 100 10 — XX D S A 2 2 6 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. 10	4 Circuits XX	5 Entry Type D-DIP	6 Contact Type S-180° Vertical
7 PCB Layout A-Positive Needle	8 ZIF 2-NON ZIF	9 Plating 2-Tin Plated All	10 Plastic 6-PBT	11 Plastic Colour W1-White	12 Packaging L-Tube



Recommended P.C.Board Layout

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 5/AUG/13	PART NO. FFC10010-XXDSA226WIL	ITEM NO. FFC10010	<p>Leader Of Industry</p>
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20)	X.'±5' .X'±2'	CHECKED BY CHERRY	DATE 5/AUG/13	TITLE FPC/FFC Connector(1.00mm) Positive Needle Type	
SCALE 5:1	SIZE A4	X.XX±.006(0.15) X.XXX±.004(0.10)	.XX'±1' .XXX'±0.5'	DRAWN BY JACOB	DATE 5/AUG/13	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

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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	FFC10010-04DSA226W1L	.118(3.00)	.201(5.10)	.295(7.50)	18	FFC10010-18DSA226W1L	.669(17.00)	.752(19.10)	.847(21.50)
5	FFC10010-05DSA226W1L	.157(4.00)	.240(6.10)	.335(8.50)	19	FFC10010-19DSA226W1L	.708(18.00)	.791(20.10)	.886(22.50)
6	FFC10010-06DSA226W1L	.197(5.00)	.280(7.10)	.374(9.50)	20	FFC10010-20DSA226W1L	.748(19.00)	.831(21.10)	.925(23.50)
7	FFC10010-07DSA226W1L	.236(6.00)	.319(8.10)	.414(10.50)	21	FFC10010-21DSA226W1L	.787(20.00)	.870(22.10)	.965(24.50)
8	FFC10010-08DSA226W1L	.276(7.00)	.358(9.10)	.453(11.50)	22	FFC10010-22DSA226W1L	.827(21.00)	.910(23.10)	1.004(25.50)
9	FFC10010-09DSA226W1L	.315(8.00)	.398(10.10)	.492(12.50)	23	FFC10010-23DSA226W1L	.866(22.00)	.949(24.10)	1.043(26.50)
10	FFC10010-10DSA226W1L	.354(9.00)	.437(11.10)	.532(13.50)	24	FFC10010-24DSA226W1L	.906(23.00)	.992(25.10)	1.083(27.50)
11	FFC10010-11DSA226W1L	.394(10.00)	.476(12.10)	.571(14.50)	25	FFC10010-25DSA226W1L	.945(24.00)	1.032(26.10)	1.102(28.00)
12	FFC10010-12DSA226W1L	.433(11.00)	.516(13.10)	.611(15.50)	26	FFC10010-26DSA226W1L	.988(25.00)	1.067(27.10)	1.161(29.50)
13	FFC10010-13DSA226W1L	.472(12.00)	.555(14.10)	.650(16.50)	27	FFC10010-27DSA226W1L	1.028(26.00)	1.106(28.10)	1.201(30.50)
14	FFC10010-14DSA226W1L	.512(13.00)	.595(15.10)	.689(17.50)	28	FFC10010-28DSA226W1L	1.063(27.00)	1.145(29.10)	1.240(31.50)
15	FFC10010-15DSA226W1L	.551(14.00)	.634(16.10)	.728(18.50)	29	FFC10010-29DSA226W1L	1.102(28.00)	1.185(30.10)	1.276(32.50)
16	FFC10010-16DSA226W1L	.591(15.00)	.673(17.10)	.768(19.50)	30	FFC10010-30DSA226W1L	1.141(29.00)	1.224(31.10)	1.319(33.50)
17	FFC10010-17DSA226W1L	.630(16.00)	.712(18.10)	.807(20.50)					

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. FFC10010-XXDSA226W1L	ITEM NO. FFC10010	 Leader Of Industry	
	X.±.012(0.30)	X.±5'	CHECKED BY JACOB	DATE 18/JUN/13	TITLE FPC/FFC Connector(1.00mm) Positive Needle Type	REV 0		SHEET NO. 2/4
	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		
	SCALE 5:1	SIZE A4	X.XX±.006(0.15)	X.X±1'	X.XXX±.004(0.10)	X.XX±0.5'		

1 2 3 4 5 6 7 8

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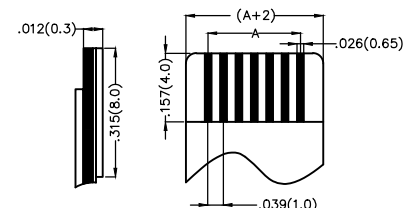
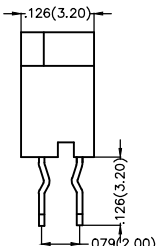
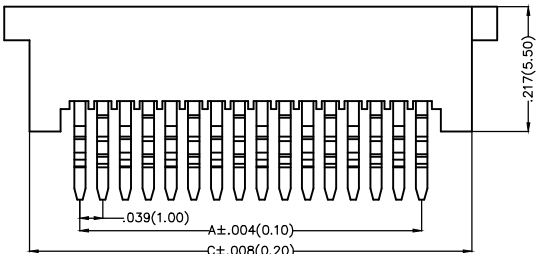
SPECIFICATIONS

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: PBT UL 94V-0/White
Actuator: Heat Resistant Polymer UL 94V-0
Terminal: Phosphor Bronze/Tin-Plated
Stopper: Phosphor Bronze/Tin-Plated

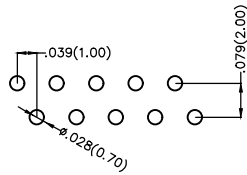


Applicable FFC Recommended Dimension

Ordering Information

FFC 100 10 — XX D S B 2 2 6 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. 10	4 Circuits XX	5 Entry Type D-DIP	6 Contact Type S-180° Vertical
7 PCB Layout B-Versa Needle	8 ZIF 2-NON ZIF	9 Plating 2-Tin Plated All	10 Plastic 6-PBT	11 Plastic Colour W1-White	12 Packaging L-Tube





Recommended P.C.Board Layout

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED) X.±.012(0.30) X'.±5' X.X±.008(0.20) .X'±2' X.XX±.006(0.15) .XX'±1' X.XXX±.004(0.10) .XXX'±0.5'		APPROVE BY FRANK DATE 5/AUG/13	PART NO. FFC10010-XXDSB226W1L ITEM NO. FFC10010	 TXGA Leader Of Industry
	DESIGN UNITS Inch (metric)	SCALE 5:1	CHECKED BY CHERRY DATE 5/AUG/13	TITLE FPC/FFC Connector(1.00mm) Versa Needle Type	
SCALE 5:1	SIZE A4	DRAWN BY JACOB DATE 5/AUG/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	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Dimensions(in/mm)			Circuits (n)	Part No.	Dimensions(in/mm)		
		A	B	C			A	B	C
4	FFC10010-04DSB226W1L	.118(3.00)	.201(5.10)	.295(7.50)	18	FFC10010-18DSB226W1L	.669(17.00)	.752(19.10)	.847(21.50)
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		X.XXX±.004(0.10)	.XXX'±0.5'					

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