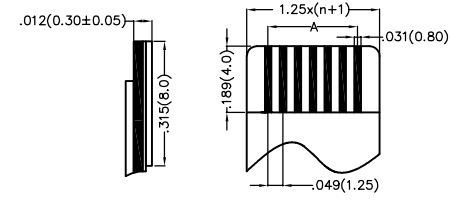
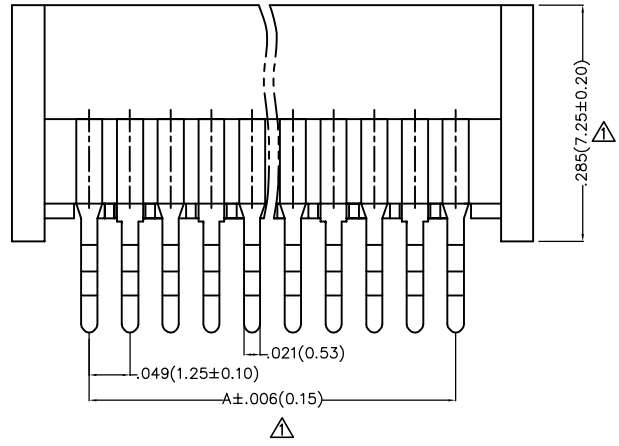
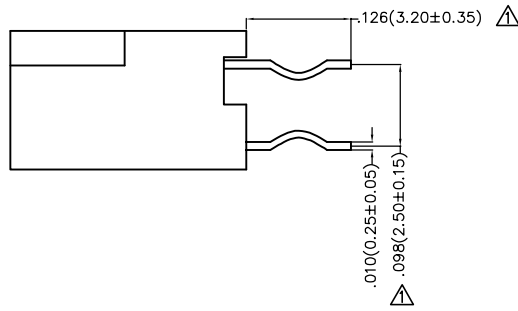
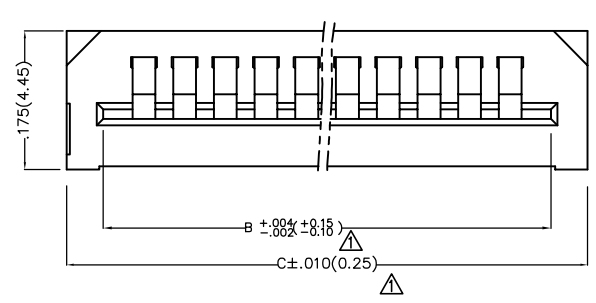


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Size and Tolerance changes	09/AUG/22	MATT	FRANK

SPECIFICATIONS

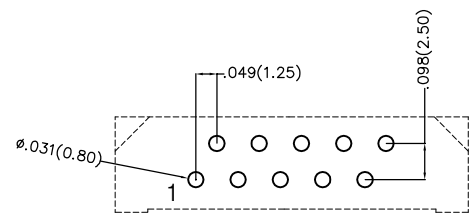
Electrical
Current Rating: 1A AC(rms)/DC
Voltage Rating: 125V AC(rms)/DC
Contact Resistance: 20 mΩ Max
Insulation Resistance: 500 MΩ MIN
Withstanding Voltage: 500V AC r.m.s
Temperature Range—Operating: -40°C~+85°C
Material and Plating
Housing: PA46 UL 94V-0
Actuator: Heat Resistant Polymer UL 94V-0
Terminal: Phosphor Bronze/Tin-Plated
Stopper: Phosphor Bronze/Tin-Plated



Applicable FFC
Recommended Dimension

Ordering Information

FFC 125 01 — XX D S A 2 2 4 W1 L — J
1 2 3 4 5 6 7 8 9 10 11 12 13



Recommended P.C.Board Layout

1	<u>Category</u>	2	<u>Series Number</u>	3	<u>Distinction No.</u>	4	<u>Circuits</u>	5	<u>Assemble Layout</u>	6	<u>Entry Angle</u>		
	FFC-FPC		125-Pitch1.25mm		01		XX		D-DIP		S-180° Vertical		
7	<u>Contact Position</u>	8	<u>ZIF</u>	9	<u>Plating</u>	10	<u>Material-Resin</u>	11	<u>Color-Resin</u>	12	<u>Packaging</u>	13	<u>Type</u>
	A-Positive Needle		2-NOT ZIF		2-Tin Plated		4-PA46		W1-White		L-Tube		J-Type J

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 5/AUG/13	PART NO. FFC12501-XXDSA224W1L-J	ITEM NO. FFC12501	 Leader Of Industry	
DESIGN UNITS Inch (metric)		X.±.012(0.30)	X'.±5'	CHECKED BY	DATE	TITLE FPC/FFC connector 1.25mm Positive needle DIP			
		X.X±.008(0.20)	.X'.±2'	CHERRY	5/AUG/13				
		SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX'.±1'	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	
		X.XXX±.004(0.10)	.XXX±0.5'	KEVIN	5/AUG/13	REV 1	SHEET NO. 1/2		

6		7		8	
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Dimensions(in/mm)			Circuits (n)	Part No.	Dimensions(in/mm)		
		A	B Δ	C			A	B Δ	C
4	FFC12501-04DSA224W1L-J	.148(3.75)	.252(6.40)	.335(8.50)	17	FFC12501-17DSA224W1L-J	.787(20.00)	.892(22.65)	.942(24.75)
5	FFC12501-05DSA224W1L-J	.197(5.00)	.301(7.65)	.384(9.75)	18	FFC12501-18DSA224W1L-J	.837(21.25)	.941(23.90)	1.024(26.00)
6	FFC12501-06DSA224W1L-J	.246(6.25)	.350(8.90)	.433(11.00)	19	FFC12501-19DSA224W1L-J	.886(22.50)	.990(25.15)	1.073(27.25)
7	FFC12501-07DSA224W1L-J	.295(7.50)	.400(10.15)	.482(12.25)	20	FFC12501-20DSA224W1L-J	.935(23.75)	1.039(26.40)	1.122(28.50)
8	FFC12501-08DSA224W1L-J	.344(8.75)	.449(11.40)	.531(13.50)	21	FFC12501-21DSA224W1L-J	.984(25.00)	1.089(27.65)	1.171(29.75)
9	FFC12501-09DSA224W1L-J	.394(10.00)	.498(12.65)	.581(14.75)	22	FFC12501-22DSA224W1L-J	1.033(26.25)	1.138(28.90)	1.220(31.00)
10	FFC12501-10DSA224W1L-J	.443(11.25)	.547(13.90)	.630(16.00)	23	FFC12501-23DSA224W1L-J	1.083(27.50)	1.187(30.15)	1.270(32.25)
11	FFC12501-11DSA224W1L-J	.492(12.50)	.596(15.15)	.679(17.25)	24	FFC12501-24DSA224W1L-J	1.132(28.75)	1.236(31.40)	1.318(33.50)
12	FFC12501-12DSA224W1L-J	.541(13.75)	.646(16.40)	.728(18.50)	25	FFC12501-25DSA224W1L-J	1.182(30.00)	1.285(32.65)	1.368(34.75)
13	FFC12501-13DSA224W1L-J	.591(15.00)	.695(17.65)	.788(19.75)	26	FFC12501-26DSA224W1L-J	1.230(31.25)	1.335(33.90)	1.417(36.00)
14	FFC12501-14DSA224W1L-J	.638(16.25)	.744(18.90)	.828(21.00)	27	FFC12501-27DSA224W1L-J	1.280(32.50)	1.384(35.15)	1.467(37.25)
15	FFC12501-15DSA224W1L-J	.389(17.50)	.793(20.15)	.876(22.25)	28	FFC12501-28DSA224W1L-J	1.329(33.75)	1.433(36.40)	1.516(38.50)
16	FFC12501-16DSA224W1L-J	.738(18.75)	.843(21.40)	.925(23.50)	29	FFC12501-29DSA224W1L-J	1.377(35.00)	1.482(37.65)	1.565(39.75)

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 5/AUG/13	PART NO. FFC12501-XXDSA224W1L-J	ITEM NO. FFC12501	 Leader Of Industry	
		X.±0.012(0.30)	X.±5°	CHECKED BY	DATE	TITLE FPC/FFC connector 1.25mm Positive needle DIP			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	X.±2°	CHERRY	5/AUG/13				
		X.XX±.006(0.15)	.XX±1°	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			
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XXX±0.5°	KEVIN	5/AUG/13				

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		X.XX±.006(0.15)	.XX±1°	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			
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XXX±0.5°	KEVIN	5/AUG/13				

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SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XXX±0.5°	KEVIN	5/AUG/13				