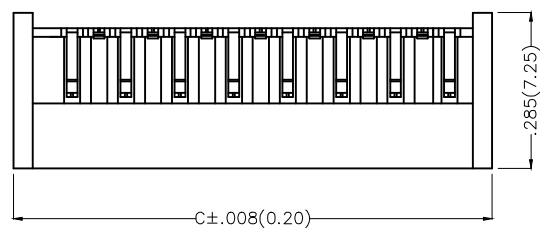


REV	LOCATIONS	DESCRIPTION	DATE	REVISOR	APPD
1	△	Material change	01/DEC/17	KATE	FRANK



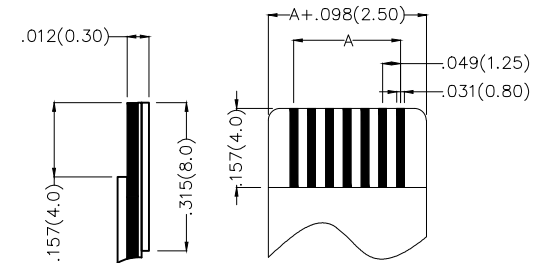
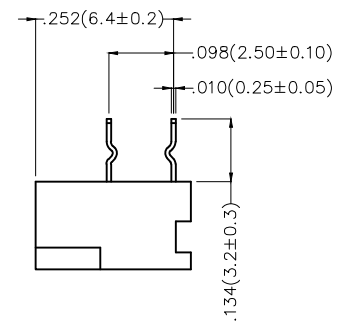
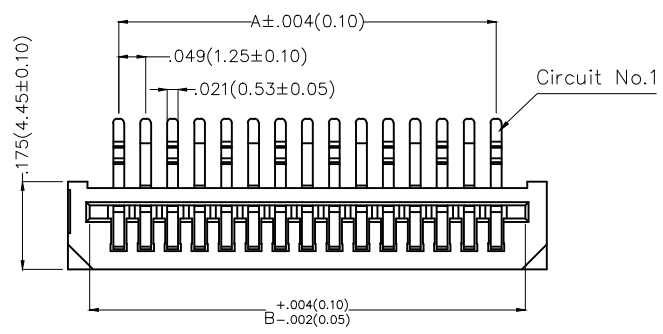
SPECIFICATIONS

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
Operating Temperature: -25°C~+85°C

Material

Housing: PA46 (UL 94V-0)
Contact: Phosphor bronze/ Tin plated

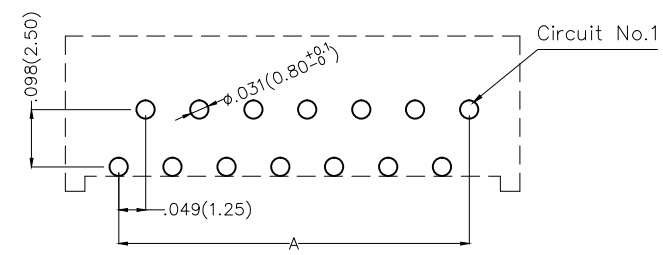


Applicable FFC
Recommended Dimension

Ordering Information

FFC	125	02	-	XX	D	B	A	2	2	6	W5	L
1	2	3	4	5	6	7	8	9	10	11	12	

1 Category FFC-FPC	2 Series Number 125-Pitch1.25mm	3 Distinction No. 02	4 Circuits XX	5 Assemble Layout D-DIP	6 Entry Angle B-90° Angle
7 Contact Position A-Positive Needle	8 ZIF 2-NOT ZIF	9 Plating 2-Tin Plated	10 Material-Resin 6-PA46 △	11 Color-Resin W5-Natural	12 Packaging L-Tube



Positive Needle
Recommended P.C.Board Layout

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. FFC12502-XXDBA226W5L	ITEM NO. FFC12502	 Leader Of Industry	
	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 18/JUN/13	TITLE FPC/FFC Connector 1.25mm Positive Needle DIP			
DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X'±2'	DRAWN BY KEVIN	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	REVISER	APPD

A

B

C

D

E

F

A

B



C

D

E

F

Circuits (n)	Part No.	Dimensions(in/mm)		
		A	B	C
5	FFC12502-05DBA226W5L	.197(5.00)	.301(7.65)	.384(9.75)
6	FFC12502-06DBA226W5L	.246(6.25)	.350(8.90)	.433(11.00)
7	FFC12502-07DBA226W5L	.295(7.50)	.400(10.15)	.482(12.25)
8	FFC12502-08DBA226W5L	.344(8.75)	.449(11.40)	.531(13.50)
9	FFC12502-09DBA226W5L	.394(10.00)	.498(12.65)	.581(14.75)
10	FFC12502-10DBA226W5L	.443(11.25)	.547(13.90)	.630(16.00)
11	FFC12502-11DBA226W5L	.492(12.50)	.596(15.15)	.679(17.25)
12	FFC12502-12DBA226W5L	.541(13.75)	.646(16.40)	.728(18.50)
13	FFC12502-13DBA226W5L	.591(15.00)	.695(17.65)	.788(19.75)
14	FFC12502-14DBA226W5L	.638(16.25)	.744(18.90)	.828(21.00)
15	FFC12502-15DBA226W5L	.689(17.50)	.793(20.15)	.876(22.25)
16	FFC12502-16DBA226W5L	.738(18.75)	.843(21.40)	.925(23.50)
17	FFC12502-17DBA226W5L	.787(20.00)	.892(22.65)	.942(24.75)
19	FFC12502-19DBA226W5L	.886(22.50)	.990(25.15)	1.073(27.25)
20	FFC12502-20DBA226W5L	.935(23.75)	1.039(26.40)	1.122(28.50)
21	FFC12502-21DBA226W5L	.984(25.00)	1.089(27.65)	1.171(29.75)

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. FFC12502-XXDBA226W5L	ITEM NO. FFC12502	 Leader Of Industry	
	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 18/JUN/13	TITLE FFC/FFC Connector 1.25mm Positive Needle DIP			REV 1
	DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X'±2'	DRAWN BY KEVIN	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)	.XX'±1'	X.XXX±.004(0.10)	.XXX'±0.5'		

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISOR	APPD
1	△	Material change	01/DEC/17	KATE	FRANK



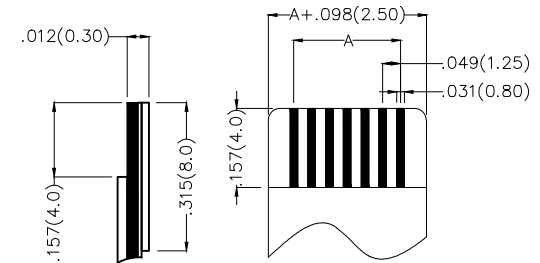
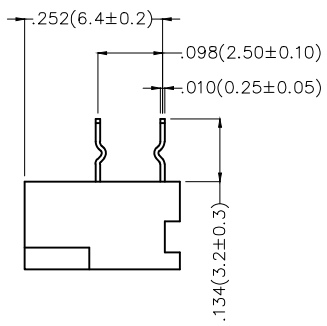
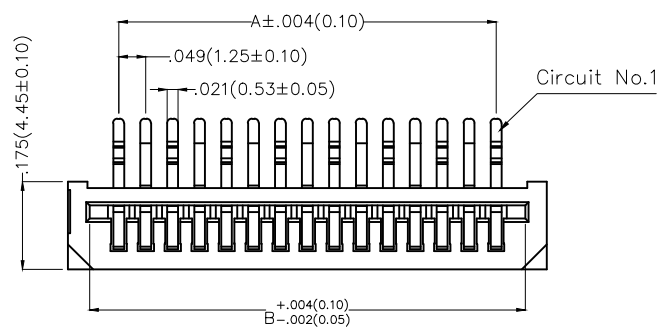
SPECIFICATIONS

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
Operating Temperature: -25°C~+85°C

Material

Housing: PA46 (UL 94V-0)
Contact: Phosphor bronze/ Tin plated

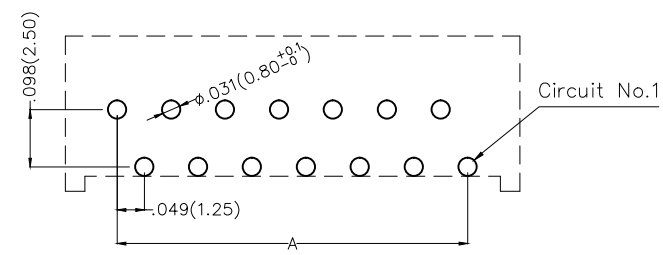


Applicable FFC Recommended Dimension

Ordering Information

FFC	125	02	—	XX	D	B	B	2	2	6	W5	L
1	2	3	4	5	6	7	8	9	10	11	12	

1 Category FFC-FPC	2 Series Number 125-Pitch 1.25mm	3 Distinction No. 02	4 Circuits XX	5 Assemble Layout D-DIP	6 Entry Angle B-90° Angle
7 Contact Position B-Versa Needle	8 ZIF 2-NOT ZIF	9 Plating 2-Tin Plated	10 Material-Resin 6-PA46 △	11 Color-Resin W5-Natural	12 Packaging L-Tube



Versa Needle Recommended P.C.Board Layout

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. FFC12502-XXDBB226W5L	ITEM NO. FFC12502	 Leader Of Industry	
	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 18/JUN/13	TITLE FPC/FFC Connector 1.25mm Versa Needle DIP			
DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X'±2'	DRAWN BY KATE	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)						
		X.XXX±.004(0.10)						

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

B

C

D

E

F

A

B



C

D

E

F

Circuits (n)	Part No.	Dimensions(in/mm)		
		A	B	C
5	FFC12502-05DBB226W5L	.197(5.00)	.301(7.65)	.384(9.75)
6	FFC12502-06DBB226W5L	.246(6.25)	.350(8.90)	.433(11.00)
7	FFC12502-07DBB226W5L	.295(7.50)	.400(10.15)	.482(12.25)
8	FFC12502-08DBB226W5L	.344(8.75)	.449(11.40)	.531(13.50)
9	FFC12502-09DBB226W5L	.394(10.00)	.498(12.65)	.581(14.75)
10	FFC12502-10DBB226W5L	.443(11.25)	.547(13.90)	.630(16.00)
11	FFC12502-11DBB226W5L	.492(12.50)	.596(15.15)	.679(17.25)
12	FFC12502-12DBB226W5L	.541(13.75)	.646(16.40)	.728(18.50)
13	FFC12502-13DBB226W5L	.591(15.00)	.695(17.65)	.788(19.75)
14	FFC12502-14DBB226W5L	.638(16.25)	.744(18.90)	.828(21.00)
15	FFC12502-15DBB226W5L	.689(17.50)	.793(20.15)	.876(22.25)
16	FFC12502-16DBB226W5L	.738(18.75)	.843(21.40)	.925(23.50)
17	FFC12502-17DBB226W5L	.787(20.00)	.892(22.65)	.942(24.75)
19	FFC12502-19DBB226W5L	.886(22.50)	.990(25.15)	1.073(27.25)
20	FFC12502-20DBB226W5L	.935(23.75)	1.039(26.40)	1.122(28.50)
21	FFC12502-21DBB226W5L	.984(25.00)	1.089(27.65)	1.171(29.75)

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. FFC12502-XXDBB226W5L	ITEM NO. FFC12502	 Leader Of Industry	
	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 18/JUN/13	TITLE FFC/FFC Connector 1.25mm Versa Needle DIP			REV 1
	DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X'±2'	DRAWN BY KATE	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)	.XX'±1'	X.XXX±.004(0.10)	.XXX'±0.5'		

1 2 3 4 5 6 7 8