

REV	LOCATIONS	DESCRIPTION	DATE	REVISED	APPD

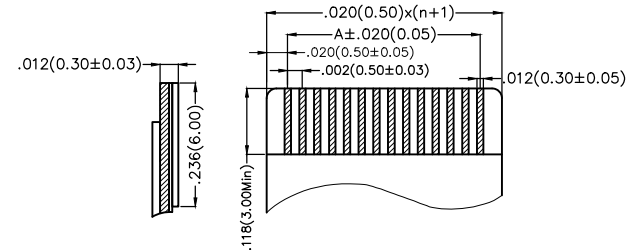
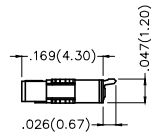
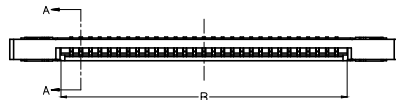
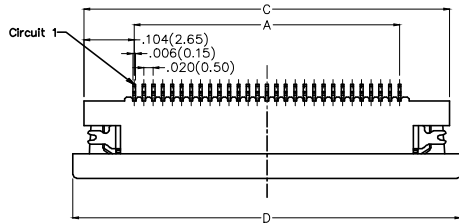
SPECIFICATIONS

Electrical

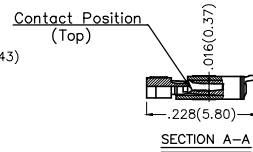
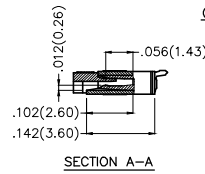
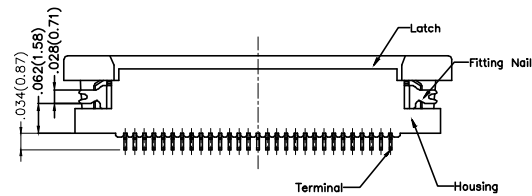
Current Rating: 0.5A AC(rms)/DC
Voltage Rating: 50V AC(rms)/DC
Contact Resistance: 20 m Ω Max
Insulation Resistance: 500 M Ω MIN
Withstanding Voltage: 200V AC r.m.s
Temperature Range—Operating: -25°C~+85°C

Material and Plating

Housing: Heat Resistant Polymer UL 94V-0
Actuator: Heat Resistant Polymer UL 94V-0
Contact: Phosphor Bronze/ Tin Plated
Stopper: Phosphor Bronze/ Tin Plated



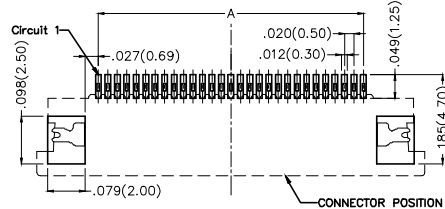
Applicable FFC
Recommended Dimension




Ordering Information

FFC 050 08 — XX S B A 1 2 4 W5 M
1 2 3 4 5 6 7 8 9 10 11 12

1 Category FFC-FPC	2 Series Number 050-Pitch 0.50mm	3 Distinction No. 08	4 Circuits XX	5 Assemble Layout S-SMT	6 Entry Angle B- 90° Angle
7 Contact Position A-Top	8 ZIF 1-ZIF	9 Plating 2-Tin Plated	10 Material-Resin 4-LCP	11 Color-Resin W5-Housing: Natural, Actuator: Black	12 Packaging M-Reel



Recommended P.C.Board Layout

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. FFC05008-XXSBA124W5M	ITEM NO. FFC05008	 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 0.5mm Top contact SMT	
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		
						REV 0	SHEET NO. 1/5

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVSER	APPD

Circuits (n)	Part No.	Dimensions(in/mm)			
		A	B	C	D
4	FFC05008-04SBA124W5M	.059(1.50)	.102(2.60)	.264(6.70)	.315(8.00)
6	FFC05008-06SBA124W5M	.098(2.50)	.142(3.60)	.303(7.70)	.354(9.00)
8	FFC05008-08SBA124W5M	.138(3.50)	.171(4.60)	.343(8.70)	.394(10.00)
9	FFC05008-09SBA124W5M	.157(4.00)	.201(5.10)	.362(9.20)	.413(10.50)
10	FFC05008-10SBA124W5M	.177(4.50)	.221(5.60)	.382(9.70)	.433(11.00)
12	FFC05008-12SBA124W5M	.217(5.50)	.260(6.60)	.421(10.70)	.472(12.00)
13	FFC05008-13SBA124W5M	.236(6.00)	.280(7.10)	.441(11.20)	.492(12.50)
16	FFC05008-16SBA124W5M	.295(7.50)	.339(8.60)	.501(12.70)	.551(14.00)
17	FFC05008-17SBA124W5M	.315(8.00)	.359(9.10)	.520(13.20)	.571(14.50)
20	FFC05008-20SBA124W5M	.374(9.50)	.417(10.60)	.579(14.70)	.630(16.00)
22	FFC05008-22SBA124W5M	.413(10.50)	.457(11.60)	.618(15.70)	.689(17.00)
24	FFC05008-24SBA124W5M	.453(11.50)	.496(12.60)	.658(16.70)	.709(18.00)
25	FFC05008-25SBA124W5M	.472(12.00)	.516(13.10)	.677(17.20)	.728(18.50)
26	FFC05008-26SBA124W5M	.492(12.50)	.535(13.60)	.697(17.70)	.748(19.00)
30	FFC05008-30SBA124W5M	.571(14.50)	.614(15.60)	.777(19.70)	.828(21.00)
33	FFC05008-33SBA124W5M	.630(16.00)	.673(17.10)	.836(21.20)	.886(22.50)
34	FFC05008-34SBA124W5M	.650(16.50)	.693(17.60)	.854(21.70)	.906(23.00)
36	FFC05008-36SBA124W5M	.689(17.50)	.732(18.60)	.894(22.70)	.948(24.00)
40	FFC05008-40SBA124W5M	.768(19.50)	.811(20.60)	.972(24.70)	1.024(26.00)
45	FFC05008-45SBA124W5M	.866(22.00)	.910(23.10)	1.071(27.20)	1.122(28.50)
50	FFC05008-50SBA124W5M	.965(24.50)	1.008(25.60)	1.150(29.70)	1.220(31.00)
52	FFC05008-52SBA124W5M	1.004(25.50)	1.047(26.60)	1.209(30.70)	1.260(32.00)
54	FFC05008-54SBA124W5M	1.043(26.50)	1.087(27.60)	1.248(31.70)	1.299(33.00)
60	FFC05008-60SBA124W5M	1.161(29.50)	1.205(30.60)	1.366(34.70)	1.417(36.00)

A

B

C

D

E

F

A



B

C

D

E

F

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. FFC05008-XXSBA124W5M	ITEM NO. FFC05008	 Leader Of Industry	
	X.±.012(0.30)	X.±5'	CHECKED BY JACOB	DATE 18/JUN/13	TITLE FFC/FFC connector 0.5mm Top contact SMT	REV 0		SHEET NO. 2/5
	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)	.XX'±1'	X.XXX±.004(0.10)	.XXX'±0.5'		

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISED	APPD

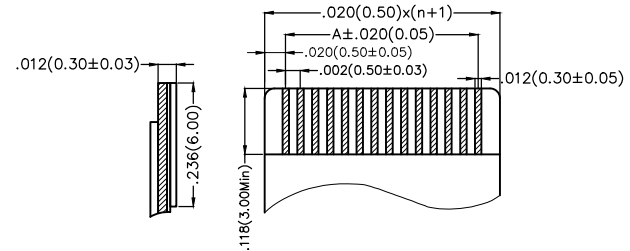
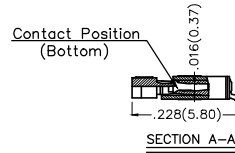
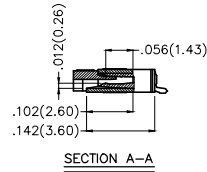
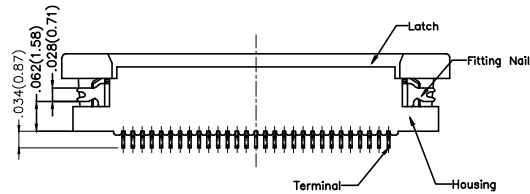
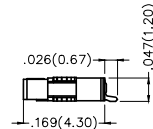
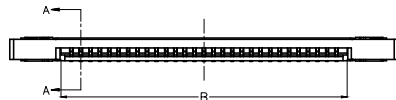
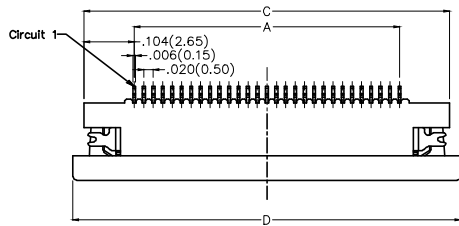
SPECIFICATIONS

Electrical

Current Rating: 0.5A 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: -25°C~+85°C

Material and Plating

Housing: Heat Resistant Polymer UL 94V-0
Actuator: Heat Resistant Polymer UL 94V-0
Contact: Phosphor Bronze/ Tin Plated
Stopper: Phosphor Bronze/ Tin Plated

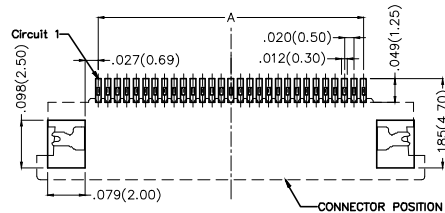


Applicable FFC
Recommended Dimension


Ordering Information

FFC 050 08 — XX S B B 1 2 4 W5 M
1 2 3 4 5 6 7 8 9 10 11 12

1 Category FFC-FPC	2 Series Number 050-Pitch 0.50mm	3 Distinction No. 08	4 Circuits XX	5 Assemble Layout S-SMT	6 Entry Angle B- 90° Angle
7 Contact Position B-Bottom	8 ZIF 1-ZIF	9 Plating 2-Tin Plated	10 Material-Resin 4-LCP	11 Color-Resin W5-Housing: Natural, Actuator: Black	12 Packaging M-Reel





Recommended P.C.Board Layout

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. FFC05008-XXSBB124W5M	ITEM NO. FFC05008	 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 0.5mm Bottom contact SMT	
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	REVSER	APPD

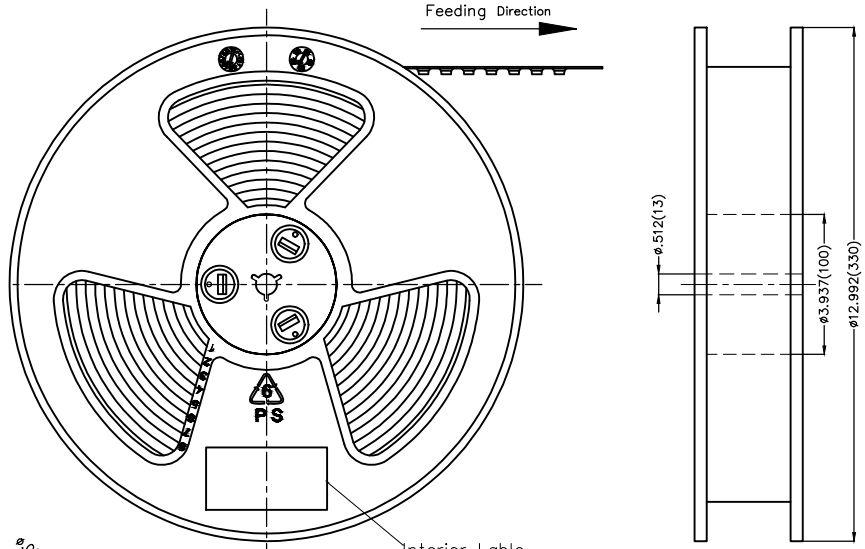
Circuits (n)	Part No.	Dimensions(in/mm)			
		A	B	C	D
4	FFC05008-04SBB124W5M	.059(1.50)	.102(2.60)	.264(6.70)	.315(8.00)
6	FFC05008-06SBB124W5M	.098(2.50)	.142(3.60)	.303(7.70)	.354(9.00)
8	FFC05008-08SBB124W5M	.138(3.50)	.171(4.60)	.343(8.70)	.394(10.00)
9	FFC05008-09SBB124W5M	.157(4.00)	.201(5.10)	.362(9.20)	.413(10.50)
10	FFC05008-10SBB124W5M	.177(4.50)	.221(5.60)	.382(9.70)	.433(11.00)
12	FFC05008-12SBB124W5M	.217(5.50)	.260(6.60)	.421(10.70)	.472(12.00)
13	FFC05008-13SBB124W5M	.236(6.00)	.280(7.10)	.441(11.20)	.492(12.50)
16	FFC05008-16SBB124W5M	.295(7.50)	.339(8.60)	.501(12.70)	.551(14.00)
17	FFC05008-17SBB124W5M	.315(8.00)	.359(9.10)	.520(13.20)	.571(14.50)
20	FFC05008-20SBB124W5M	.374(9.50)	.417(10.60)	.579(14.70)	.630(16.00)
22	FFC05008-22SBB124W5M	.413(10.50)	.457(11.60)	.618(15.70)	.689(17.00)
24	FFC05008-24SBB124W5M	.453(11.50)	.496(12.60)	.658(16.70)	.709(18.00)
25	FFC05008-25SBB124W5M	.472(12.00)	.516(13.10)	.677(17.20)	.728(18.50)
26	FFC05008-26SBB124W5M	.492(12.50)	.535(13.60)	.697(17.70)	.748(19.00)
30	FFC05008-30SBB124W5M	.571(14.50)	.614(15.60)	.777(19.70)	.828(21.00)
33	FFC05008-33SBB124W5M	.630(16.00)	.673(17.10)	.836(21.20)	.886(22.50)
34	FFC05008-34SBB124W5M	.650(16.50)	.693(17.60)	.854(21.70)	.906(23.00)
36	FFC05008-36SBB124W5M	.689(17.50)	.732(18.60)	.894(22.70)	.948(24.00)
40	FFC05008-40SBB124W5M	.768(19.50)	.811(20.60)	.972(24.70)	1.024(26.00)
45	FFC05008-45SBB124W5M	.866(22.00)	.910(23.10)	1.071(27.20)	1.122(28.50)
50	FFC05008-50SBB124W5M	.965(24.50)	1.008(25.60)	1.150(29.70)	1.220(31.00)
52	FFC05008-52SBB124W5M	1.004(25.50)	1.047(26.60)	1.209(30.70)	1.260(32.00)
54	FFC05008-54SBB124W5M	1.043(26.50)	1.087(27.60)	1.248(31.70)	1.299(33.00)
60	FFC05008-60SBB124W5M	1.161(29.50)	1.205(30.60)	1.366(34.70)	1.417(36.00)

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. FFC05008-XXSBB124W5M	ITEM NO. FFC05008	 Leader Of Industry	
	X.±.012(0.30)	X'.±5'	CHECKED BY JACOB	DATE 18/JUN/13	TITLE FFC/FFC connector 0.5mm Bottom contact SMT			REV 0
	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.XX±.006(0.15)	.XX'±1'	X.XXX±.004(0.10)	.XXX'±0.5'		

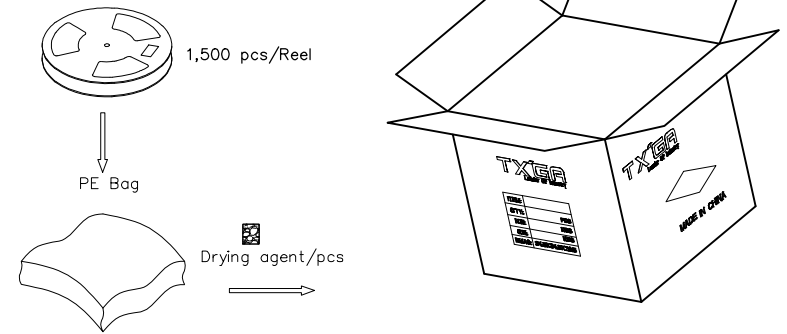
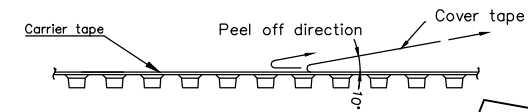
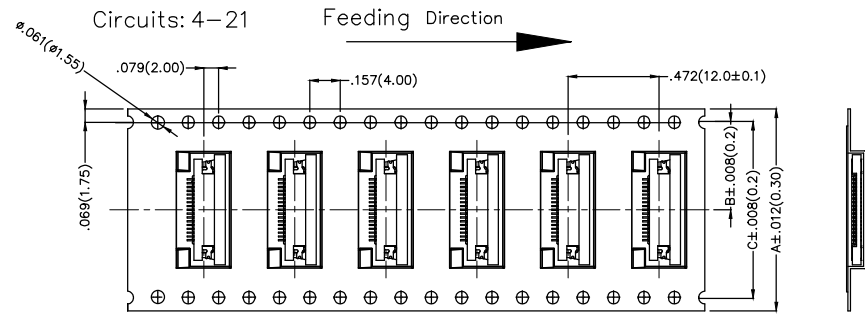
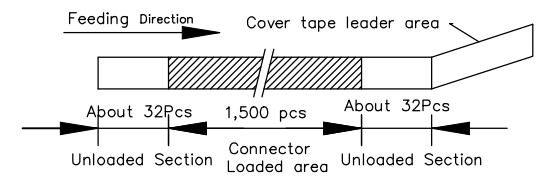
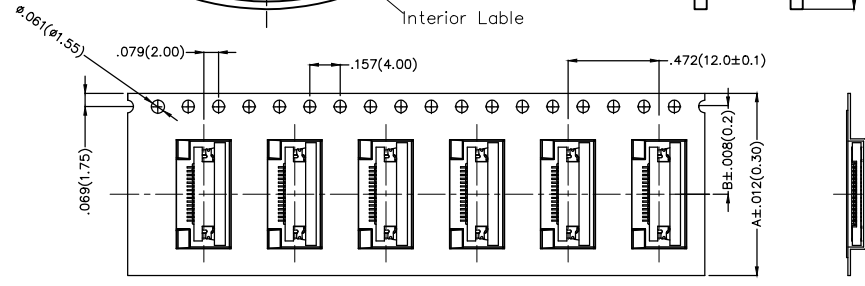
1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

- Note:
- 10 sprocket hole cumulative tolerance ± 0.2
 - Carrier camber is within 1.0mm in 250mm
 - Material: White Conductive polystyrene Alloy 100% recyclable
 - All dimensions meet EIA-481-3 requirements
 - Peel off force of cover tape & carrier tape: 20g~130g (0.2N~1.3N)
 - Component load per 13" reel: 1,500 pcs



Circuits (n)	Dimensions (in/mm)		
	A	B	C
4	.630(16.0)	.295(7.5)	—
6~20	.945(24.0)	.453(11.5)	—
22~30	1.260(32.0)	.561(14.25)	1.033(28.50)
33~50	1.732(44.0)	.797(20.25)	1.594(40.50)
52~60	2.205(56.0)	1.033(26.25)	2.067(52.50)



<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	<p>Leader Of Industry</p>	
	X. \pm .012(0.30)	X. \pm 5'	FRANK	18/JUN/13	FFC05008-XXSBX124W5M	FFC05008		
	DESIGN UNITS Inch (metric)	X.X \pm .008(0.20)	.X \pm 2'	CHECKED BY	DATE	TITLE		REV 0
	SCALE	X.XX \pm .006(0.15)	.XX \pm 1'	JACOB	18/JUN/13	FPC/FFC connector 0.5mm SMT		
SIZE	X.XXX \pm .004(0.10)	.XXX \pm 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				