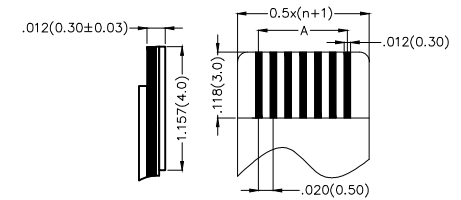
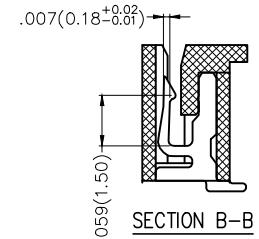
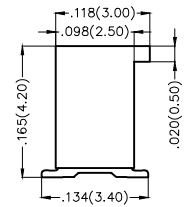
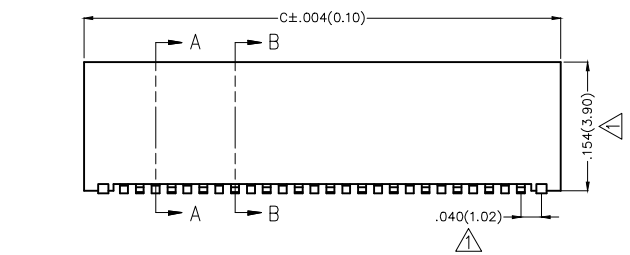
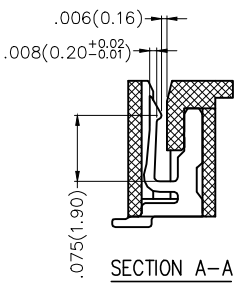
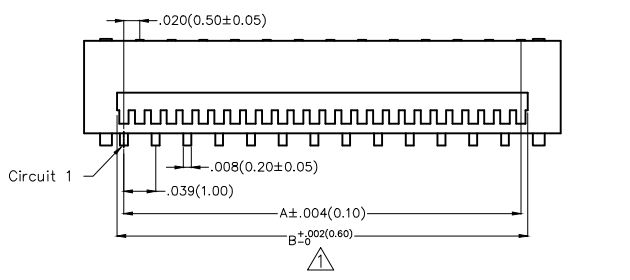


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Size changes	29/APR/21	KATE	JOHNNY

SPECIFICATIONS

Electrical
 Current Rating: 0.5A AC(rms)/DC
 Voltage Rating: 50V AC(rms)/DC
 Contact Resistanc: 20 m Ω Max
 Insulation Resistance: 500 M Ω MIN
 Withstanding Voltage: 500V AC r.m.s
 Operting Temperature: -40°C~+85°C
 Material
 Housing: PA6T UL 94V-0
 Contact: Phosphor Bronze/ Tin Plated

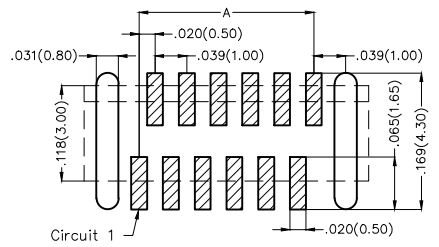


Applicable FFC Recommended Dimension


Ordering Information

FFC 050 07 — XX S S A 2 2 4 W5 M
 1 2 3 4 5 6 7 8 9 10 11 12

1 Category FFC-FPC	2 Series Number 050-Pitch0.50mm	3 Distinction No. 07	4 Circuits XX	5 Assemble Layout S-SMT	6 Entry Angle S-180° Vertical
7 Contact Position A-Positive Needle	8 ZIF 2-NON ZIF	9 Plating 2-Tin Plated	10 Material-Resin 4-PA6T	11 Color-Resin W5-Natural	12 Packaging M-Reel



Positive Needle
Recommended P.C.Board Layout
 General tolerance: ±0.05mm

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. FFC05007-XXSSA224W5M	ITEM NO. FFC05007	 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 Positive needle SMT		REV 1
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

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 \triangle	C			A	B \triangle	C
4	FFC05007-04SSA224W5M	.059(1.50)	.098(2.50)	.197(5.00)	28	FFC05007-28SSA224W5M	.531(13.50)	.571(14.50)	.669(17.00)
5	FFC05007-05SSA224W5M	.079(2.00)	.118(3.00)	.217(5.50)	29	FFC05007-29SSA224W5M	.551(14.00)	.591(15.00)	.689(17.50)
6	FFC05007-06SSA224W5M	.098(2.50)	.138(3.50)	.236(6.00)	30	FFC05007-30SSA224W5M	.571(14.50)	.610(15.50)	.709(18.00)
7	FFC05007-07SSA224W5M	.118(3.00)	.157(4.00)	.256(6.50)	31	FFC05007-31SSA224W5M	.591(15.00)	.630(16.00)	.728(18.50)
8	FFC05007-08SSA224W5M	.138(3.50)	.177(4.50)	.276(7.00)	32	FFC05007-32SSA224W5M	.610(15.50)	.650(16.50)	.748(19.00)
9	FFC05007-09SSA224W5M	.157(4.00)	.197(5.00)	.295(7.50)	33	FFC05007-33SSA224W5M	.630(16.00)	.669(17.00)	.768(19.50)
10	FFC05007-10SSA224W5M	.177(4.50)	.217(5.50)	.315(8.00)	34	FFC05007-34SSA224W5M	.650(16.50)	.689(17.50)	.787(20.00)
11	FFC05007-11SSA224W5M	.197(5.00)	.236(6.00)	.335(8.50)	35	FFC05007-35SSA224W5M	.669(17.00)	.709(18.00)	.807(20.50)
12	FFC05007-12SSA224W5M	.217(5.50)	.256(6.50)	.354(9.00)	36	FFC05007-36SSA224W5M	.689(17.50)	.728(18.50)	.828(21.00)
13	FFC05007-13SSA224W5M	.236(6.00)	.276(7.00)	.374(9.50)	37	FFC05007-37SSA224W5M	.709(18.00)	.748(19.00)	.846(21.50)
14	FFC05007-14SSA224W5M	.256(6.50)	.295(7.50)	.394(10.00)	38	FFC05007-38SSA224W5M	.728(18.50)	.768(19.50)	.866(22.00)
15	FFC05007-15SSA224W5M	.276(7.00)	.315(8.00)	.413(10.50)	39	FFC05007-39SSA224W5M	.748(19.00)	.787(20.00)	.886(22.50)
16	FFC05007-16SSA224W5M	.295(7.50)	.335(8.50)	.433(11.00)	40	FFC05007-40SSA224W5M	.768(19.50)	.807(20.50)	.906(23.00)
17	FFC05007-17SSA224W5M	.315(8.00)	.354(9.00)	.453(11.50)	41	FFC05007-41SSA224W5M	.787(20.00)	.828(21.00)	.925(23.50)
18	FFC05007-18SSA224W5M	.335(8.50)	.374(9.50)	.472(12.00)	42	FFC05007-42SSA224W5M	.807(20.50)	.846(21.50)	.948(24.00)
19	FFC05007-19SSA224W5M	.354(9.00)	.394(10.00)	.492(12.50)	43	FFC05007-43SSA224W5M	.828(21.00)	.866(22.00)	.965(24.50)
20	FFC05007-20SSA224W5M	.374(9.50)	.413(10.50)	.512(13.00)	44	FFC05007-44SSA224W5M	.846(21.50)	.886(22.50)	.984(25.00)
21	FFC05007-21SSA224W5M	.394(10.00)	.433(11.00)	.531(13.50)	45	FFC05007-45SSA224W5M	.866(22.00)	.906(23.00)	1.004(25.50)
22	FFC05007-22SSA224W5M	.413(10.50)	.453(11.50)	.551(14.00)	46	FFC05007-46SSA224W5M	.886(22.50)	.925(23.50)	1.024(26.00)
23	FFC05007-23SSA224W5M	.433(11.00)	.472(12.00)	.571(14.50)	47	FFC05007-47SSA224W5M	.906(23.00)	.948(24.00)	1.043(26.50)
24	FFC05007-24SSA224W5M	.453(11.50)	.492(12.50)	.591(15.00)	48	FFC05007-48SSA224W5M	.925(23.50)	.965(24.50)	1.063(27.00)
25	FFC05007-25SSA224W5M	.472(12.00)	.512(13.00)	.610(15.50)	49	FFC05007-49SSA224W5M	.948(24.00)	.984(25.00)	1.083(27.50)
26	FFC05007-26SSA224W5M	.492(12.50)	.531(13.50)	.630(16.00)	50	FFC05007-50SSA224W5M	.965(24.50)	1.004(25.50)	1.102(28.00)
27	FFC05007-27SSA224W5M	.512(13.00)	.551(14.00)	.650(16.50)					

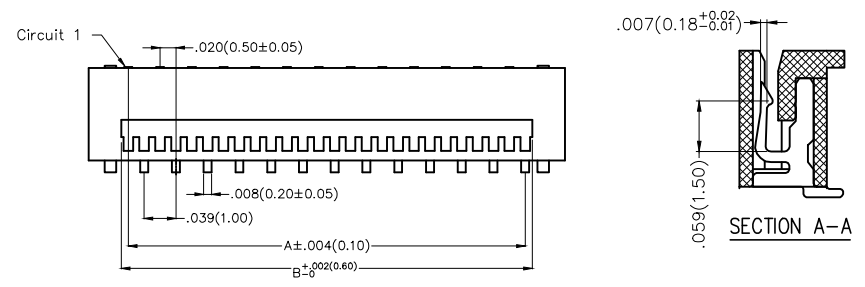
 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. FFC05007-XXSSA224W5M	ITEM NO. FFC05007	 Leader Of Industry	
	X.±.012(0.30)	X'.±5'	CHECKED BY JACOB	DATE 18/JUN/13	TITLE FFC/FFC connector 0.5mm Positive needle SMT			REV 1
	DESIGN UNITS Inch (metric)	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'				

1 2 3 4 5 6 7 8

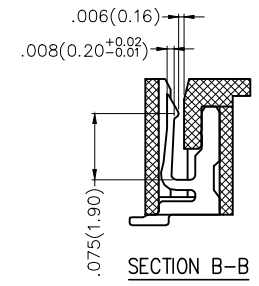
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Size changes	29/APR/21	KATE	JOHNNY

SPECIFICATIONS

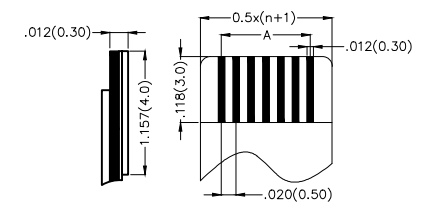
Electrical
 Current Rating: 0.5A AC(rms)/DC
 Voltage Rating: 50V AC(rms)/DC
 Contact Resistance: 20 mΩ Max
 Insulation Resistance: 500 MΩ MIN
 Withstanding Voltage: 500V AC r.m.s
 Operating Temperature: -40°C~+85°C
 Material
 Housing: PA6T UL 94V-0
 Contact: Phosphor Bronze/ Tin Plated



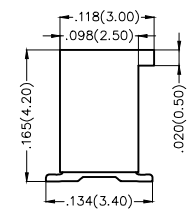
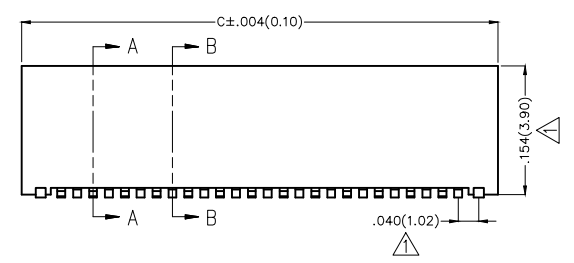
SECTION A-A



SECTION B-B



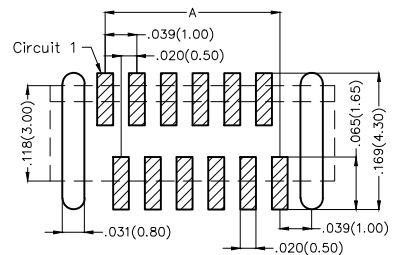
Applicable FFC Recommended Dimension



Ordering Information


FFC 050 07 — XX S S B 2 2 4 W5 M
 1 2 3 4 5 6 7 8 9 10 11 12

1 Category FFC-FPC	2 Series Number 050-Pitch0.50mm	3 Distinction No. 07	4 Circuits XX	5 Assemble Layout S-SMT	6 Entry Angle S-180° Vertical
7 Contact Position B-Versa Needle	8 ZIF 2-NON ZIF	9 Plating 2-Tin Plated	10 Material-Resin 4-PA6T	11 Color-Resin W5-Natural	12 Packaging M-Reel



Versa Needle

Recommended P.C.Board Layout
 General tolerance: ±0.05mm

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. FFC05007-XXSSB224W5M	ITEM NO. FFC05007	 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 Versa needle 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

A

A

B

B

C

C

D

D



E

E

F

F

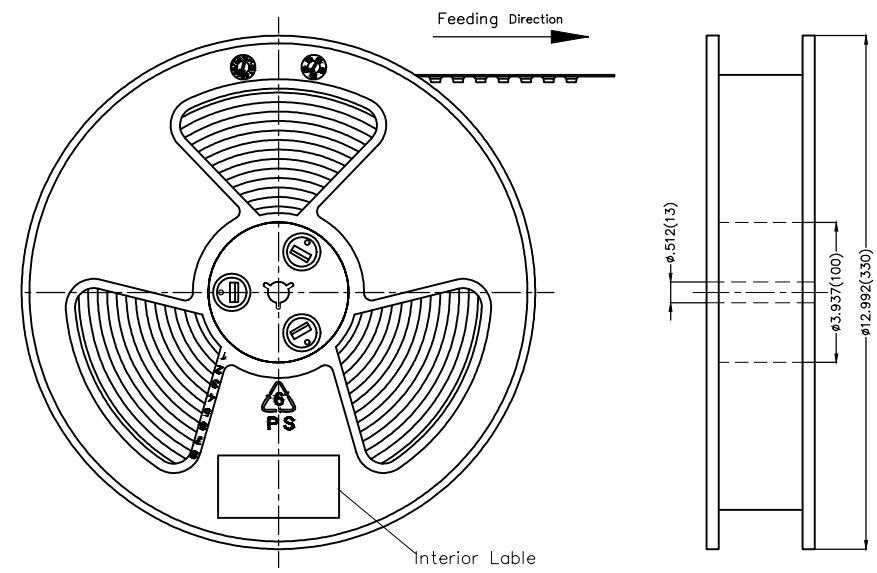
Circuits (n)	Part No.	Dimensions(in/mm)			Circuits (n)	Part No.	Dimensions(in/mm)		
		A	B \triangle	C			A	B \triangle	C
4	FFC05007-04SSB224W5M	.059(1.50)	.098(2.50)	.197(5.00)	28	FFC05007-28SSB224W5M	.531(13.50)	.571(14.50)	.669(17.00)
5	FFC05007-05SSB224W5M	.079(2.00)	.118(3.00)	.217(5.50)	29	FFC05007-29SSB224W5M	.551(14.00)	.591(15.00)	.689(17.50)
6	FFC05007-06SSB224W5M	.098(2.50)	.138(3.50)	.236(6.00)	30	FFC05007-30SSB224W5M	.571(14.50)	.610(15.50)	.709(18.00)
7	FFC05007-07SSB224W5M	.118(3.00)	.157(4.00)	.256(6.50)	31	FFC05007-31SSB224W5M	.591(15.00)	.630(16.00)	.728(18.50)
8	FFC05007-08SSB224W5M	.138(3.50)	.177(4.50)	.276(7.00)	32	FFC05007-32SSB224W5M	.610(15.50)	.650(16.50)	.748(19.00)
9	FFC05007-09SSB224W5M	.157(4.00)	.197(5.00)	.295(7.50)	33	FFC05007-33SSB224W5M	.630(16.00)	.669(17.00)	.768(19.50)
10	FFC05007-10SSB224W5M	.177(4.50)	.217(5.50)	.315(8.00)	34	FFC05007-34SSB224W5M	.650(16.50)	.689(17.50)	.787(20.00)
11	FFC05007-11SSB224W5M	.197(5.00)	.236(6.00)	.335(8.50)	35	FFC05007-35SSB224W5M	.669(17.00)	.709(18.00)	.807(20.50)
12	FFC05007-12SSB224W5M	.217(5.50)	.256(6.50)	.354(9.00)	36	FFC05007-36SSB224W5M	.689(17.50)	.728(18.50)	.828(21.00)
13	FFC05007-13SSB224W5M	.236(6.00)	.276(7.00)	.374(9.50)	37	FFC05007-37SSB224W5M	.709(18.00)	.748(19.00)	.846(21.50)
14	FFC05007-14SSB224W5M	.256(6.50)	.295(7.50)	.394(10.00)	38	FFC05007-38SSB224W5M	.728(18.50)	.768(19.50)	.866(22.00)
15	FFC05007-15SSB224W5M	.276(7.00)	.315(8.00)	.413(10.50)	39	FFC05007-39SSB224W5M	.748(19.00)	.787(20.00)	.886(22.50)
16	FFC05007-16SSB224W5M	.295(7.50)	.335(8.50)	.433(11.00)	40	FFC05007-40SSB224W5M	.768(19.50)	.807(20.50)	.906(23.00)
17	FFC05007-17SSB224W5M	.315(8.00)	.354(9.00)	.453(11.50)	41	FFC05007-41SSB224W5M	.787(20.00)	.828(21.00)	.925(23.50)
18	FFC05007-18SSB224W5M	.335(8.50)	.374(9.50)	.472(12.00)	42	FFC05007-42SSB224W5M	.807(20.50)	.846(21.50)	.948(24.00)
19	FFC05007-19SSB224W5M	.354(9.00)	.394(10.00)	.492(12.50)	43	FFC05007-43SSB224W5M	.828(21.00)	.866(22.00)	.965(24.50)
20	FFC05007-20SSB224W5M	.374(9.50)	.413(10.50)	.512(13.00)	44	FFC05007-44SSB224W5M	.846(21.50)	.886(22.50)	.984(25.00)
21	FFC05007-21SSB224W5M	.394(10.00)	.433(11.00)	.531(13.50)	45	FFC05007-45SSB224W5M	.866(22.00)	.906(23.00)	1.004(25.50)
22	FFC05007-22SSB224W5M	.413(10.50)	.453(11.50)	.551(14.00)	46	FFC05007-46SSB224W5M	.886(22.50)	.925(23.50)	1.024(26.00)
23	FFC05007-23SSB224W5M	.433(11.00)	.472(12.00)	.571(14.50)	47	FFC05007-47SSB224W5M	.906(23.00)	.948(24.00)	1.043(26.50)
24	FFC05007-24SSB224W5M	.453(11.50)	.492(12.50)	.591(15.00)	48	FFC05007-48SSB224W5M	.925(23.50)	.965(24.50)	1.063(27.00)
25	FFC05007-25SSB224W5M	.472(12.00)	.512(13.00)	.610(15.50)	49	FFC05007-49SSB224W5M	.948(24.00)	.984(25.00)	1.083(27.50)
26	FFC05007-26SSB224W5M	.492(12.50)	.531(13.50)	.630(16.00)	50	FFC05007-50SSB224W5M	.965(24.50)	1.004(25.50)	1.102(28.00)
27	FFC05007-27SSB224W5M	.512(13.00)	.551(14.00)	.650(16.50)					

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. FFC05007-XXSSB224W5M	ITEM NO. FFC05007	 Leader Of Industry	
	X.±.012(0.30)	X'.±5'	CHECKED BY JACOB	DATE 18/JUN/13	TITLE FFC/FFC connector 0.5mm Versa needle SMT			REV 1
	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

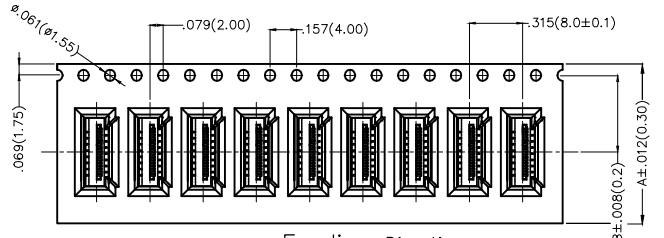
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A
B
C
D
E
F

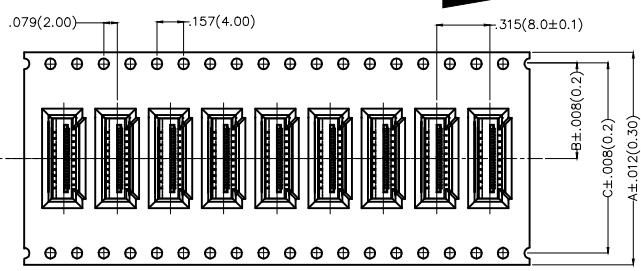
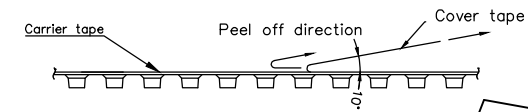
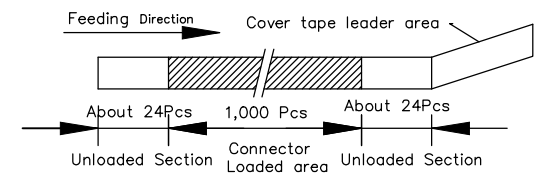


- Note:
1. 10 sprocket hole cumulative tolerance ± 0.2
 2. Carrier camber is within 1.0mm in 250mm
 3. Material: White Conductive polystyrene Alloy 100% recyclable
 4. All dimensions meet EIA-481-3 requirements
 5. Peel off force of cover tape & carrier tape: 20g~130g(0.2N~1.3N)
 6. Component load per 13" reel: 1,000 pcs

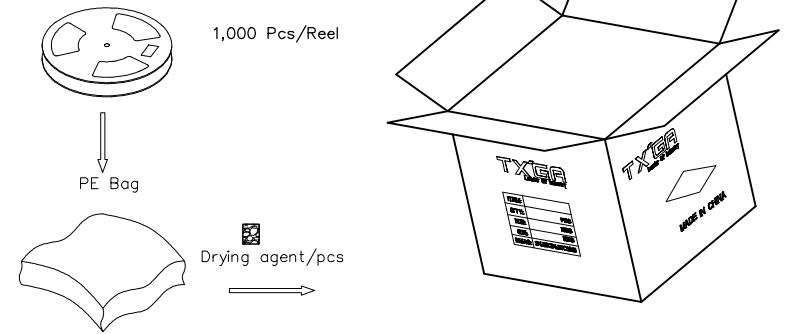
Circuits (n)	Dimensions(in/mm)		
	A	B	C
4~16	.945(24.0)	.453(11.50)	—
17~24	1.260(32.0)	.561(14.25)	1.122(28.50)
25~48	1.732(44.0)	.797(20.25)	1.594(40.50)
49~60	2.205(56.0)	1.033(26.25)	2.067(52.50)



Circuits: 4-16



Circuits: 17-60



 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Leader Of Industry
	X. \pm .012(0.30)	X. \pm 5'	FRANK	18/JUN/13	FFC05007-XXSSX224W5M	FFC05007	
DESIGN UNITS Inch (metric)	X.X \pm .008(0.20)	.X \pm 2'	CHECKED BY	DATE	TITLE		REV 1 SHEET NO. 5/5
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			