

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Packaging changes	15/SEP/22	MATT	CHERRY

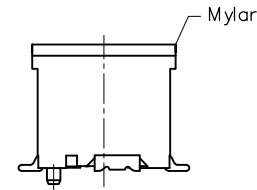
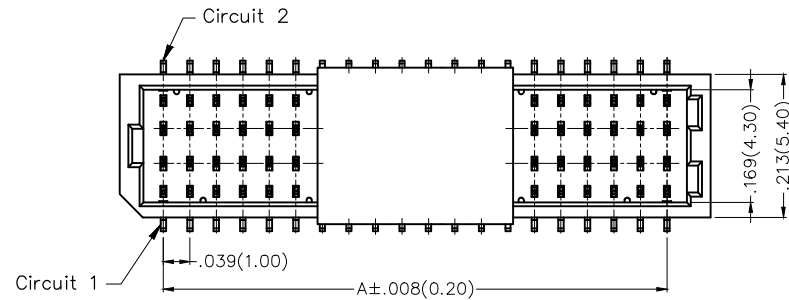
SPECIFICATIONS

Electrical

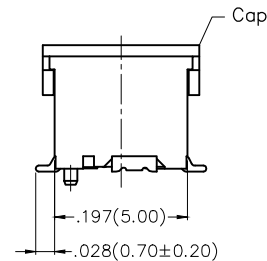
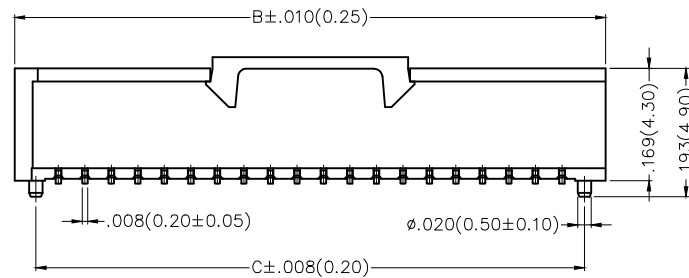
Current Rating: 1.0A AC(rms)/DC
Voltage Rating: 50V AC(rms)/DC
Contact Resistance: 20 mΩ Max
Insulation Resistance: 100 MΩ MIN
Withstanding Voltage: 500V AC r.m.s
Temperature Range—Operating: -25°C~+85°C

Material and Plating

Housing: PA6T UL94V-0
Pin: Copper Alloy/ Gold Plated
Solder Tab: Copper Alloy



△ 10~14 Circuits



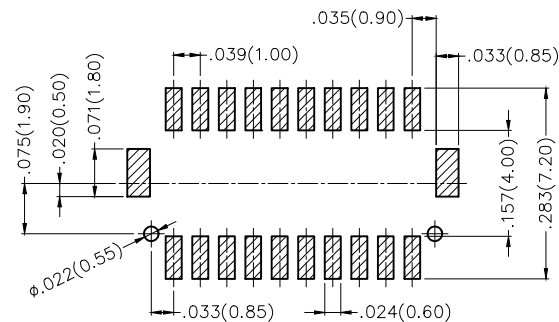
△ 16~50 Circuits

Circuits (n)	Part No.	Dimensions(in/mm)		
		A	B	C
10	FWF10007-D10S14W5M	.157(4.00)	.287(7.30)	.224(5.70)
12	FWF10007-D12S14W5M	.197(5.00)	.327(8.30)	.264(6.70)
14	FWF10007-D14S14W5M	.236(6.00)	.366(9.30)	.303(7.70)
16	FWF10007-D16S14W5M	.276(7.00)	.406(10.30)	.343(8.70)
20	FWF10007-D20S14W5M	.354(9.00)	.484(12.30)	.421(10.70)
24	FWF10007-D24S14W5M	.433(11.00)	.563(14.30)	.500(12.70)
30	FWF10007-D30S14W5M	.551(14.00)	.681(17.30)	.618(15.70)
40	FWF10007-D40S14W5M	.748(19.00)	.878(22.30)	.815(20.70)
50	FWF10007-D50S14W5M	.945(24.00)	1.075(27.30)	1.012(25.70)

Ordering Information

FWF 100 07 — D XX S 1 4 W5 M
1 2 3 4 5 6 7 8 9 10

1	Category FWF—Wafer	2	Series Number 100—Pitch1.00mm	3	Distinction No. 07	4	Row Option D—Double Row	5	Circuits XX
6	Entry Angle S—180° Vertical	7	Plating 1—Gold Plated	8	Material—Resin 4—PA6T	9	Color—Resin W5—White	10	Packaging M—Reel



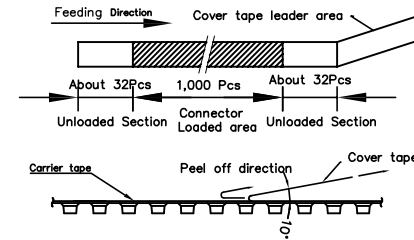
Recommended P.C.Board Layout

 THIRD ANGLE PROJECTION DESIGN UNITS Inch (metric) SCALE 5:1 SIZE A4	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. FWF10007-DXXS14W5M		ITEM NO. FWF10007	 Leader Of Industry	
	X.±.012(0.30)	X.±5°	CHECKED BY CHERRY	DATE 18/JUN/13	TITLE Wire to Board (Wafer) Pitch 1.0mm 180° Vertical (SMT)				
	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. 1/2
	X.XX±.006(0.15)	.XX'±1°							

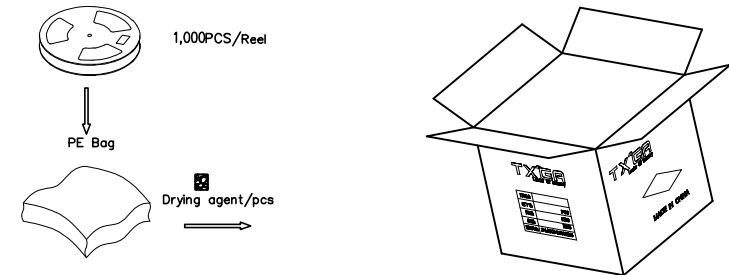
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Note:

- 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: 1,000 pcs



Circuits (n)	Dimensions(in/mm)	
	D	W
10	.453(11.50)	.945(24.00)
12	.453(11.50)	.945(24.00)
16	.453(11.50)	.945(24.00)
20	.453(11.50)	.945(24.00)
30	.453(11.50)	.945(24.00)
40	.798(20.20)	1.732(44.00)
50	.798(20.20)	1.732(44.00)



 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Leader Of Industry		
				FRANK	28/JUN/13	FWF10007-DXXS14W5M	FWF10007			
DESIGN UNITS Inch (metric)		X.±.012(0.30)	X.±5°	CHECKED BY	DATE	TITLE Wire to Board (Wafer) Pitch 1.0mm 180° Vertical (SMT)				REV 1
		X.X±.008(0.20)	.X'±2°	JACOB	28/JUN/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			
		X.XXX±.004(0.10)		.XXX'±0.5°	CHERRY	28/JUN/13				