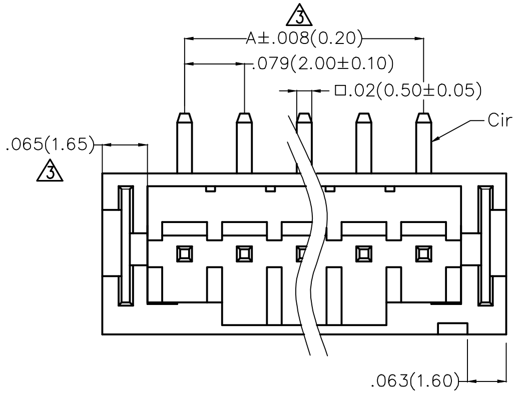
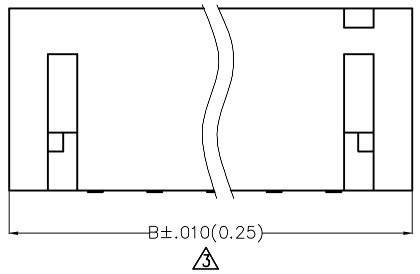
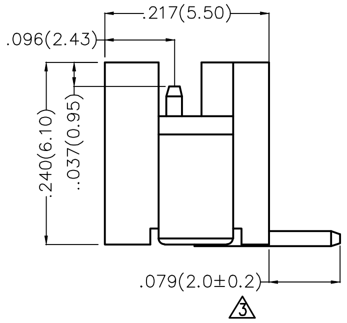
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	⚠1	MPQ 1500Pcs/Reel Change to 1000Pcs/Reel	20150921	CHERRY	FAN
2	⚠2	Change the packing specification	05/MAY/17	KATE	FRANK
3	⚠3	Size changes	24/JUN/21	KATE	FRANK



Electrical
Current Rating: 2.0A AC(rms)/DC
Voltage Rating: 100V AC(rms)/DC
Contact Resistance: 10 mΩ Max
Insulation Resistance: 1000 MΩ MIN
Withstanding Voltage: 800V AC r.m.s
Temperature Range—Operating: −25℃~+85℃

Material and Plating
Housing: PA9T(UL 94V—0)
Contacts: Brass/ Tin Plated
Solder tab: Phosphor bronze/ Tin Plated

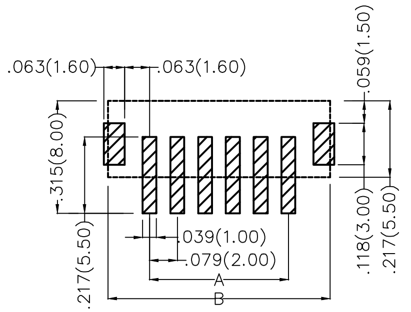




Ordering Information

FWF 200 03 — S XX S 2 4 W5 M
1 2 3 4 5 6 7 8 9 10

1	Category	FWF—Wafer
2	Series Number	200—Pitch2.0mm
3	Distinction No.	03
4	Row Option	S—Single Row
5	Circuits	XX
6	Entry Angle	S—180° Vertical
7	Plating	2—Tin Plated
8	Material—Resin	4—PA9T
9	Color—Resin	W5—White
10	Packaging	M—Reel



Recommended P.C.Board Layout

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. FWF20003-SXXS24W5M
	X.±.012(0.30)	X.°±5°	CHECKED BY JACOB	DATE 18/JUN/13	ITEM NO. FWF20003
DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X°±2°	DRAWN BY CHERRY	DATE 18/JUN/13	TITLE Wire to Board (Wafer) Pitch 2.0mm 180° Vertical (SMT)
SCALE 5:1 / SIZE A4	X.XX±.006(0.15)	.XX°±1°			REV 3 / SHEET NO. 1/3
	X.XXX±.004(0.10)	.XXX°±0.5°			

TXGA
Leader Of Industry

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B
2	FWF20003-S02S24W5M	.079(2.00)	.315(8.00)
3	FWF20003-S03S24W5M	.157(4.00)	.394(10.00)
4	FWF20003-S04S24W5M	.236(6.00)	.472(12.00)
5	FWF20003-S05S24W5M	.315(8.00)	.551(14.00)
6	FWF20003-S06S24W5M	.394(10.00)	.630(16.00)
7	FWF20003-S07S24W5M	.472(12.00)	.709(18.00)
8	FWF20003-S08S24W5M	.551(14.00)	.787(20.00)
9	FWF20003-S09S24W5M	.630(16.00)	.866(22.00)
10	FWF20003-S10S24W5M	.709(18.00)	.945(24.00)
11	FWF20003-S11S24W5M	.787(20.00)	1.024(26.00)
12	FWF20003-S12S24W5M	.866(22.00)	1.102(28.00)
13	FWF20003-S13S24W5M	.945(24.00)	1.181(30.00)
14	FWF20003-S14S24W5M	1.024(26.00)	1.260(32.00)
15	FWF20003-S15S24W5M	1.102(28.00)	1.339(34.00)

THIRD ANGLE PROJECTION

DESIGN UNITS
Inch (metric)

SCALE 5:1
SIZE A4

GENERAL TOLERANCES (UNLESS SPECIFIED)

X.±.012(0.30)	X.°±5°
X.X±.008(0.20)	.X°±2°
X.XX±.006(0.15)	.XX°±1°
X.XXX±.004(0.10)	.XXX°±0.5°

APPROVE BY FRANK	DATE 18/JUN/13
CHECKED BY JACOB	DATE 18/JUN/13
DRAWN BY CHERRY	DATE 18/JUN/13

PART NO.
FWF20003-SXXS24W5M

ITEM NO.
FWF20003

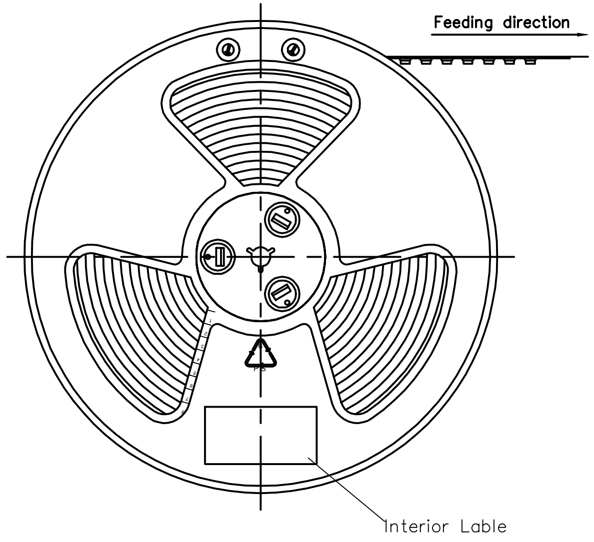
TXGA
Leader Of Industry

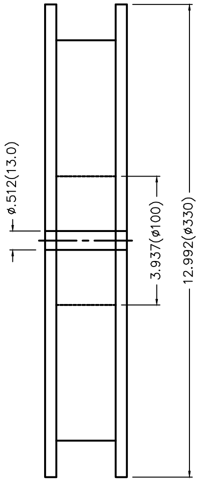
TITLE
Wire to Board (Wafer)
Pitch 2.0mm 180° Vertical (SMT)

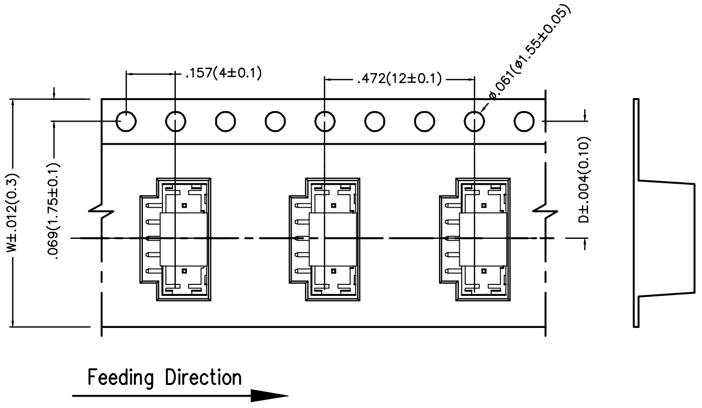
REV 3
SHEET NO. 2/3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

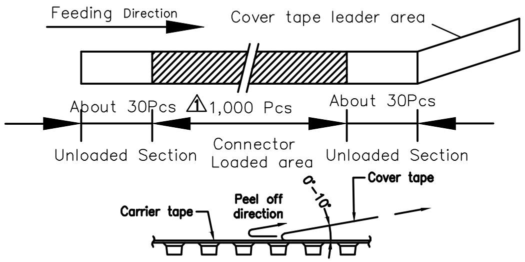




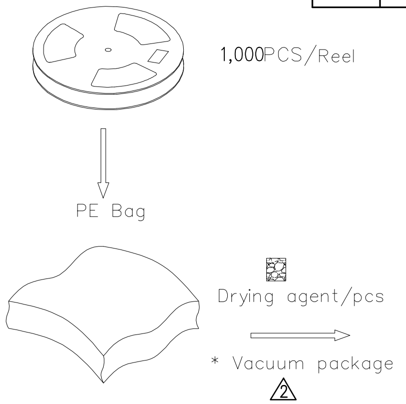


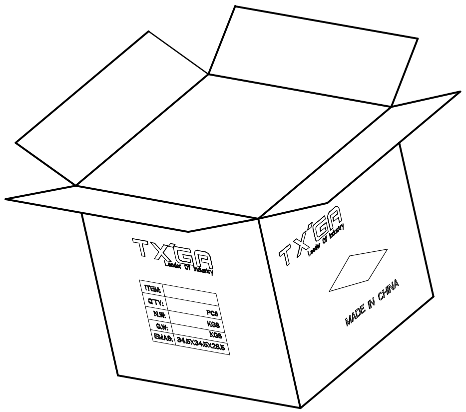
Note:

1. 10 sprocket hole cumulative tolerance±0.2
2. Carrier camber is within 1.0mm in 100mm
3. Materlat: White Conductive polystyrene Alloy 100% recyclable
4. All dimensions meet EIA−481−3 requirements
5. Component load per 13" reel: 1,000pcs



Circuits (n)	Dimensions(in/mm)		Circuits (n)	Dimensions(in/mm)	
	D	W		D	W
2	.295(7.50)	.630(16.00)	9	.559(14.20)	1.260(32.00)
3	.295(7.50)	.630(16.00)	10	.559(14.20)	1.260(32.00)
4	.453(11.50)	.945(24.00)	11	.795(20.20)	1.732(44.00)
5	.453(11.50)	.945(24.00)	12	.795(20.20)	1.732(44.00)
6	.453(11.50)	.945(24.00)	13	.795(20.20)	1.732(44.00)
7	.559(14.20)	1.260(32.00)	14	.795(20.20)	1.732(44.00)
8	.559(14.20)	1.260(32.00)	15	.795(20.20)	1.732(44.00)





THIRD ANGLE PROJECTION

DESIGN UNITS
Inch (metric)

SCALE	SIZE
5:1	A4

GENERAL TOLERANCES
(UNLESS SPECIFIED)

X.±.012(0.30)	X.°±5°
X.X±.008(0.20)	.X°±2°
X.XX±.006(0.15)	.XX°±1°
X.XXX±.004(0.10)	.XXX°±0.5°

APPROVE BY FRANK	DATE 18/JUN/13
CHECKED BY JACOB	DATE 18/JUN/13
DRAWN BY CHERRY	DATE 18/JUN/13

PART NO.
FWF20003-SXXS24W5M

ITEM NO.
FWF20003

TXGA
Leader Of Industry

TITLE
Wire to Board (Wafer)
Pitch 2.0mm 180° Vertical (SMT)

REV 3

SHEET NO. 3/3