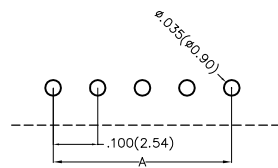
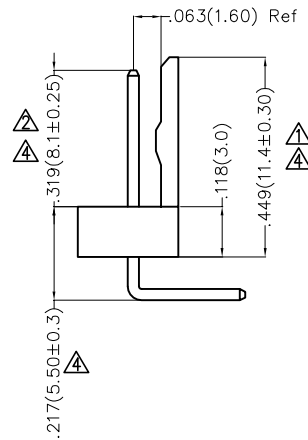
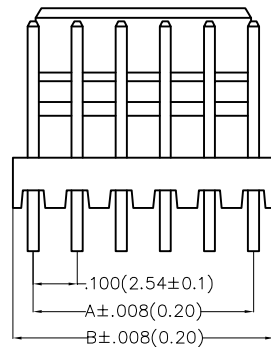
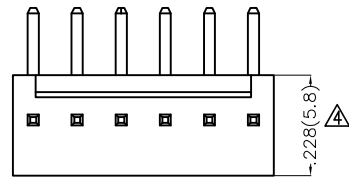


1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Add dimensions	19/DEC/19	KATE	CHERRY
2	△	Size change	03/JUL/23	YYQ	LEO
3	△	Flammability Change	29/MAR/24	KATE	LEO
4	△	Update dimensions and tolerances	24/OCT/25	MATT	LEO



Recommended P.C.Board Layout

Electrical

Current Rating: 2.5A AC(rms)/DC
 Voltage Rating: 250V AC(rms)/DC
 Contact Resistance: 20 mΩ Max
 Insulation Resistance: 1000 MΩ MIN
 Withstanding Voltage: 1000V AC r.m.s
 Temperature Range-Operating: -25°C~+85°C

Material and Plating

Housing: PA66(UL 94V-0) △
 Contact Pin: Brass
 Plating: Tin Plated
 Mates With(Housing): FHG25401 Series

Ordering Information

FWF 254 02 — S XX B 2 2 W1 B — A
 1 2 3 4 5 6 7 8 9 10 11

1	Category FWF-Wafer	2	Series Number 254-Pitch2.54mm	3	Distinction No. 02	4	Row Option S-Single Row	5	Circuits XX	6	Entry Angle B-90° Angle
7	Plating 2-Tin Plated	8	Material-Resin 2-PA66	9	Color-Resin W1-White	10	Packaging B-PE Bag	11	Type A-Type A		

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 8/JUL/13	PART NO. FWF25402-SXXB22W1B-A	ITEM NO. FWF25402		
	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 8/JUL/13	TITLE Wire to Board (Wafer) Pitch 2.54mm 90° Angled (DIP)		Building Technology Cornerstone
SCALE 5:1	SIZE A4	DRAWN BY CHERRY		DATE 8/JUL/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 4 SHEET NO. 1/2

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

A

B

B

C

C

D

D

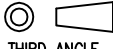

E

E

F

F

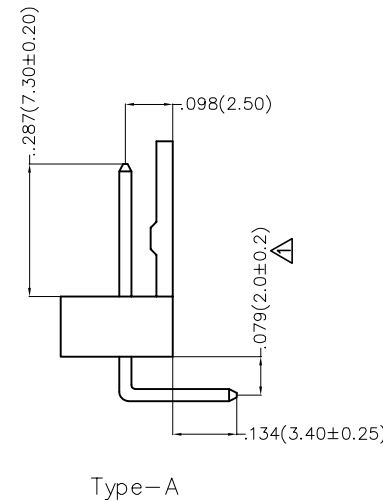
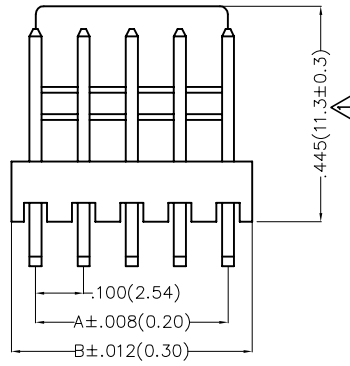
Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B
2	FWF25402-S02B22W1B-A	.100(2.54)	.200(5.08)
3	FWF25402-S03B22W1B-A	.200(5.08)	.300(7.62)
4	FWF25402-S04B22W1B-A	.300(7.62)	.400(10.16)
5	FWF25402-S05B22W1B-A	.400(10.16)	.500(12.70)
6	FWF25402-S06B22W1B-A	.500(12.70)	.600(15.24)
7	FWF25402-S07B22W1B-A	.600(15.24)	.700(17.78)
8	FWF25402-S08B22W1B-A	.700(17.78)	.800(20.32)
9	FWF25402-S09B22W1B-A	.800(20.32)	.900(22.86)
10	FWF25402-S10B22W1B-A	.900(22.86)	1.000(25.40)
11	FWF25402-S11B22W1B-A	1.000(25.40)	1.100(27.94)
12	FWF25402-S12B22W1B-A	1.100(27.94)	1.200(30.48)
13	FWF25402-S13B22W1B-A	1.200(30.48)	1.300(33.02)
14	FWF25402-S14B22W1B-A	1.300(33.02)	1.400(35.56)

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 8/JUL/13	PART NO. FWF25402-SXXB22W1B-A	ITEM NO. FWF25402	 Building Technology Cornerstone	
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20)	X'±5" .X'±2"	CHECKED BY JACOB	DATE 8/JUL/13	TITLE Wire to Board (Wafer) Pitch 2.54mm 90° Angled (DIP)		REV 4 SHEET NO. 2/2
SCALE 5:1	SIZE A4	X.XX±.006(0.15) X.XXX±.004(0.10)	.XX'±1" .XXX'±0.5'	DRAWN BY CHERRY	DATE 8/JUL/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

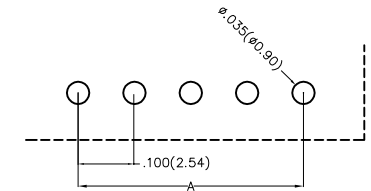
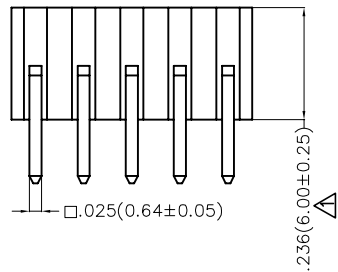
1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Size changes	14/MAY/21	KATE	CHERRY
2	△	Flammability Change	29/MAR/24	KATE	LEO



Electrical
 Current Rating: 2.5A AC(rms)/DC
 Voltage Rating: 250V AC(rms)/DC
 Contact Resistance: 20 mΩ Max
 Insulation Resistance: 1000 MΩ MIN
 Withstanding Voltage: 1000V AC r.m.s
 Temperature Range—Operating: -25°C~+85°C

Material and Plating
 Housing: PA66(UL 94V-0) △
 Contact Pin: Brass
 Plating: Tin Plated




Recommended P.C.Board Layout

Ordering Information

FWF 254 02 — S XX B 2 2 W5 B — A
 1 2 3 4 5 6 7 8 9 10 11

1 Category FWF—Wafer	2 Series Number 254—Pitch2.54mm	3 Distinction No. 02	4 Row Option S—Single Row	5 Circuits XX	6 Entry Angle B—90° Angle
7 Plating 2—Tin Plated	8 Material—Resin 2—PA66	9 Color—Resin W5—Natural	10 Packaging B—PE Bag	11 Type A—Type A	

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 8/JUL/13	PART NO. FWF25402—SXXB22W5B—A	ITEM NO. FWF25402	 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 8/JUL/13	TITLE Wire to Board (Wafer) Pitch 2.54mm 90° Angled (DIP)	
SCALE 5:1	SIZE A4		DRAWN BY CHERRY	DATE 8/JUL/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 2	SHEET NO. 1/2	

1 2 3 4 5 6 7 8

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

B

C

D

E

F

A

B

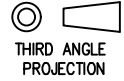

C

D

E

F

Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B Δ
2	FWF25402-S02B22W5B-A	.100(2.54)	.202(5.14)
3	FWF25402-S03B22W5B-A	.200(5.08)	.302(7.68)
4	FWF25402-S04B22W5B-A	.300(7.62)	.403(10.22)
5	FWF25402-S05B22W5B-A	.400(10.16)	.502(12.76)
6	FWF25402-S06B22W5B-A	.500(12.70)	.602(15.30)
7	FWF25402-S07B22W5B-A	.600(15.24)	.702(17.84)
8	FWF25402-S08B22W5B-A	.700(17.78)	.802(20.38)
9	FWF25402-S09B22W5B-A	.800(20.32)	.902(22.92)
10	FWF25402-S10B22W5B-A	.900(22.86)	1.002(25.46)
11	FWF25402-S11B22W5B-A	1.000(25.40)	1.102(28.00)
12	FWF25402-S12B22W5B-A	1.100(27.94)	1.202(30.54)

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 8/JUL/13	PART NO. FWF25402-SXXB22W5B-A	ITEM NO. FWF25402	 Leader Of Industry		
	DESIGN UNITS Inch (metric)	X. \pm .012(0.30)	X. \pm 5'	CHECKED BY JACOB	DATE 8/JUL/13	TITLE Wire to Board (Wafer) Pitch 2.54mm 90° Angl ^e l (DIP)		REV 2	SHEET NO. 2/2
	SCALE 5:1	SIZE A4	X.XX \pm .006(0.15)	DRAWN BY CHERRY	DATE 8/JUL/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