

A

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A

B

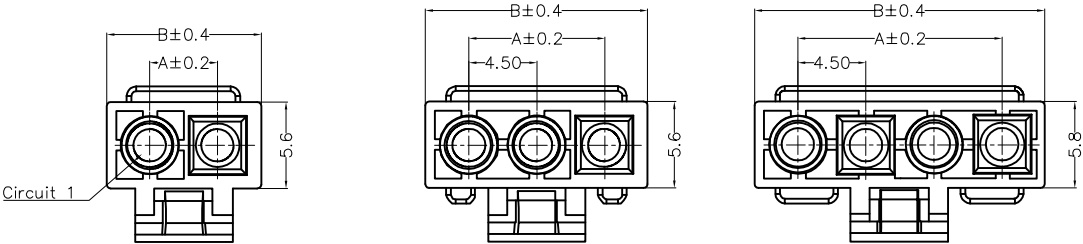
C

D

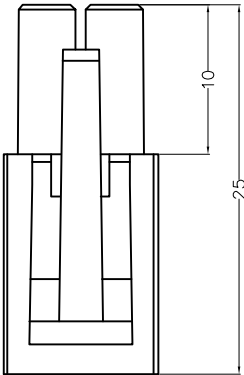
E

F

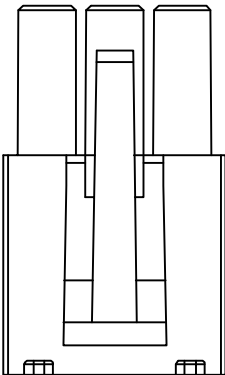
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		Updated version	06/AUG/26	MATT	LEO



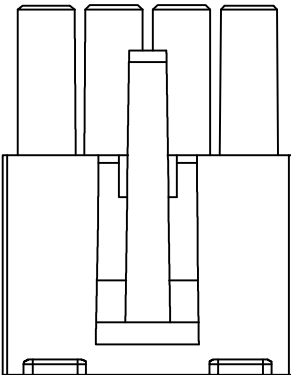
Electrical
Current Rating: 10A AC/DC Max
Voltage Rating: 300V AC/DC
Contact Resistance: 20mΩ Max
Insulation Resistance: 1000MΩ Min
Withstanding Voltage: 1500V AC/minute
Temperature Range—Operating: -25°C~+85°C
Material
Housing: PA66 (UL 94V-0)
Applicable Terminal: FT45002
Mates With: FHG45002Series.



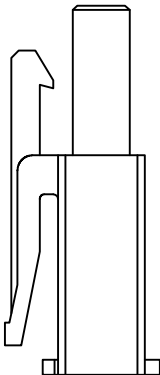
Single row
(2 Circuit)



Single row
(3 Circuit)



Single row
(4 Circuit)



Circuits	Part No.	Dimensions(mm)	
		A	B
2	FHG45001-S02M2W1B	4.50	10.30
3	FHG45001-S03M2W1B	9.00	14.80
4	FHG45001-S04M2W1B	13.50	19.30

Ordering Information

FHG 450 01 — X XX M 2 W1 B
1 2 3 4 5 6 7 8 9

1	Category	2	Series Number	3	Distinction No.	4	Contact Alignment		
	FHG—Housing		450—Pitch4.50mm		01		S—Single Row D—Double row T—Triple row		
5	Circuits	6	Type	7	Material—Resin	8	Color—Resin	9	Packaging
	XX		M—Male		2—PA66		W1—White		B—PE Bag

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 25/JUN/13	PART NO. FHG45001-XXXM2W1B	ITEM NO. FHG45001	 Building Technology Cornerstone	
		XX. ±0.40	X.* ±5°	CHECKED BY JACOB	DATE 25/JUN/13	TITLE Wire to Wire Pitch 4.5mm(Housing)			
DESIGN UNITS METRIC(mm)		X. ±0.30	X.X* ±2°	DRAWN BY CHERRY	DATE 25/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. 1/3
		X.X ±0.25	X.XX* ±1°						
SCALE 2:1	SIZE A4	X.XX ±0.15	X.XXX* ±0.5°						

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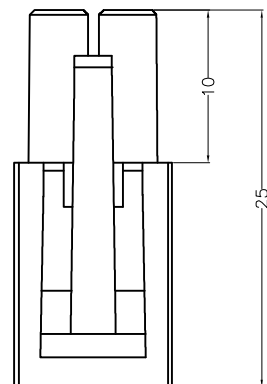
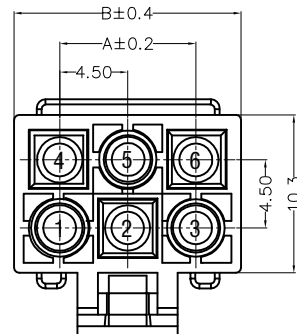
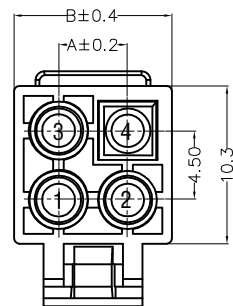
4

5

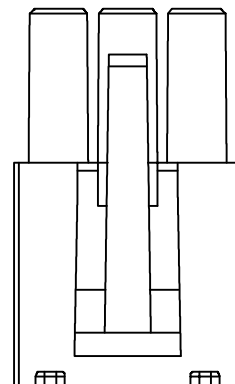
6

7

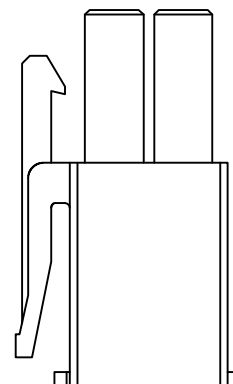
8



Double row
(4Circuits)



Double row
(6Circuits)



Circuits	Part No.	Dimensions(mm)	
		A	B
4	FHG45001-D04M2W1B	4.50	10.30
6	FHG45001-D06M2W1B	9.00	14.80

Ordering Information

FHG 450 01 — X XX M 2 W1 B
1 2 3 4 5 6 7 8 9

1	Category FHG—Housing	2	Series Number 450—Pitch4.50mm	3	Distinction No. 01	4	Contact Alignment S—Single Row D—Double row T—Triple row		
5	Circuits XX	6	Type M—Male	7	Material—Resin 2—PA66	8	Color—Resin W1—White	9	Packaging B—PE Bag

Electrical

Current Rating: 10A AC/DC Max

Voltage Rating: 300V AC/DC

Contact Resistance: 20mΩ Max

Insulation Resistance: 1000MΩ Min

Withstanding Voltage: 1500V AC/minute

Temperature Range—Operating: -25°C~+85°C

Material

Housing: PA66 (UL 94V-0)

Applicable Terminal: FT45002

Mates With: FHG45002Series.

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 25/JUN/13	PART NO. FHG45001-XXXM2W1B	ITEM NO. FHG45001	 Building Technology Cornerstone	
		XX. ±0.40	X.* ±5°	CHECKED BY JACOB	DATE 25/JUN/13	TITLE Wire to Wire Pitch 4.5mm(Housing)			
DESIGN UNITS METRIC (mm)		X. ±0.30	X.X* ±2°	DRAWN BY CHERRY	DATE 25/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. 2/3
SCALE 5:1	SIZE A4	X.X ±0.25	X.XX* ±1°		X.XX ±0.15			X.XXX* ±0.5°	

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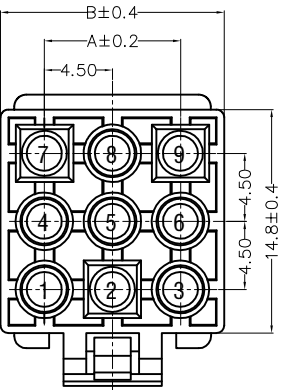
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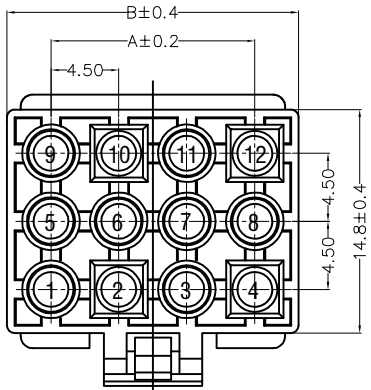
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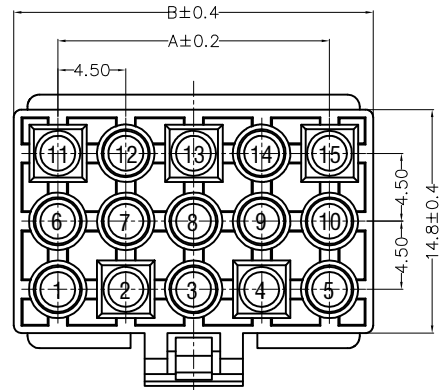
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		Updated version	06/AUG/26	MATT	LEO



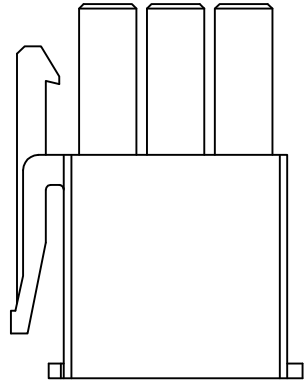
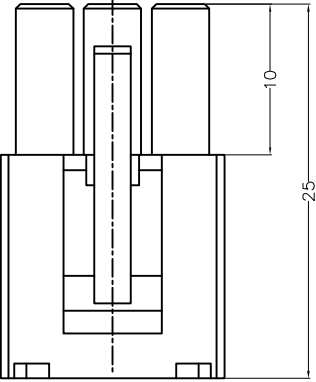
Three row
(9Circuits)



Three row
(12Circuits)



Three row
(15Circuits)



Electrical
Current Rating: 10A AC/DC Max
Voltage Rating: 300V AC/DC
Contact Resistance: 20mΩ Max
Insulation Resistance: 1000MΩ Min
Withstanding Voltage: 1500V AC/minute
Temperature Range—Operating: -25°C~+85°C
Material
Housing: PA66 (UL 94V-0)
Applicable Terminal: FT45002
Mates With: FHG45002Series.

Circuits	Part No.	Dimensions(mm)	
		A	B
9	FHG45001-T09M2W1B	9.00	14.80
12	FHG45001-T12M2W1B	13.50	19.30
15	FHG45001-T15M2W1B	18.00	23.80

Ordering Information

FHG 450 01 — X XX M 2 W1 B
1 2 3 4 5 6 7 8 9

1	Category	2	Series Number	3	Distinction No.	4	Contact Alignment		
	FHG—Housing		450—Pitch4.50mm		01		S—Single Row D—Double row T—Triple row		
5	Circuits	6	Type	7	Material—Resin	8	Color—Resin	9	Packaging
	XX		M—Male		2—PA66		W1—White		B—PE Bag

 THIRD ANGLE PROJECTION DESIGN UNITS METRIC(mm) SCALE 5:1 SIZE A4		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 25/JUN/13	PART NO. FHG45001-XXXM2W1B	ITEM NO. FHG45001	 Building Technology Cornerstone	
		XX. ±0.40	X.* ±5°	CHECKED BY	DATE	TITLE Wire to Wire Pitch 4.5mm(Housing)			
		X. ±0.30	X.X* ±2°	JACOB	25/JUN/13				
		X.X ±0.25	X.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.XX ±0.15	X.XXX* ±0.5°	CHERRY	25/JUN/13	REV 1	SHEET NO. 3/3				

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