

A

B

C

D

E

F

A

B

C

D

E

F

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	1:Tolerance change 2: Add views	25/NOV/21	MATT	CHERRY
2		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℃~+85℃

Material

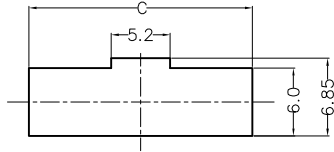
Housing: PA66 (UL 94V-0)
Applicable Terminal: FT45001
Mates With: FHG45001Series.

Circuits	Part No.	Dimensions(mm)		
		A	B	C
2	FHG45002-S02F2W1B	4.50	10.30	15.0
3	FHG45002-S03F2W1B	9.00	14.80	19.7
4	FHG45002-S04F2W1B	13.50	19.30	24.2

Ordering Information

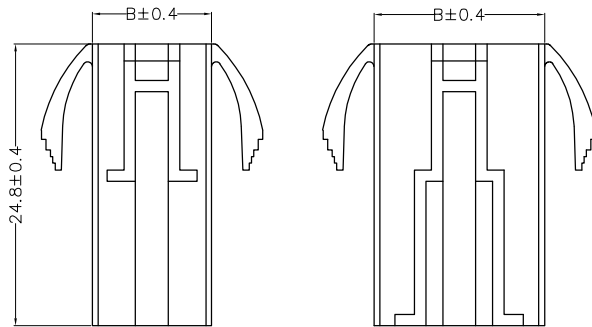
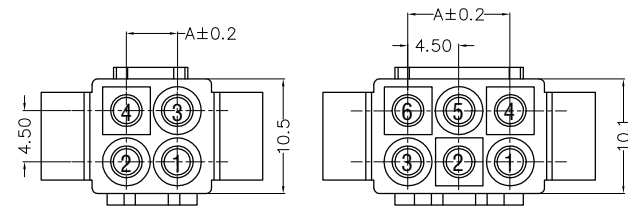
FHG 450 02 — X XX F 2 W1 B
1 2 3 4 5 6 7 8 9

1	Category	2	Series Number	3	Distinction No.	4	Contact Alignment		
	FHG—Housing		450—Pitch4.50mm		02		S—Single Row D—Double row T—Triple row		
5	Circuits	6	Type	7	Material—Resin	8	Color—Resin	9	Packaging
	XX		F—Female		2—PA66		W1—White		B—PE Bag



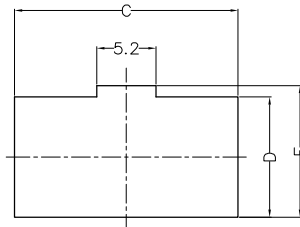
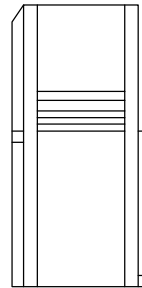
PANEL LAYOUT

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 25/JUN/13	PART NO. FHG45002-XXXF2W1B	ITEM NO. FHG45002	 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			
		X.X ±0.25	X.XX* ±1°						
SCALE 2:1	SIZE A4	X.XX ±0.15	X.XXX* ±0.5°						



Double row
(4Circuits)

Double row
(4Circuits)



PANEL LAYOUT

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	1:Tolerance change 2:Add views	25/NOV/21	MATT	CHERRY
2		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: FT45001

Mates With: FHG45001Series.

Circuits	Part No.	Dimensions(mm)				
		A	B	C	D	E
4	FHG45002-D04F2W1B	4.50	10.50	15.6	10.6	11.6
6	FHG45002-D06F2W1B	9.00	15.00	19.7	10.2	11.1

Ordering Information

FHG 450 02 — X XX F 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		02		S—Single Row D—Double row T—Triple row		
5	Circuits	6	Type	7	Material—Resin	8	Color—Resin	9	Packaging
	XX		F—Female		2—PA66		W1—White		B—PE Bag

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 25/JUN/13	PART NO. FHG45002-XXXF2W1B	ITEM NO. FHG45002	 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 2	SHEET NO. 2/3
SCALE 5:1	SIZE A4	X.X ±0.25	X.XX* ±1°		DATE 25/JUN/13					
		X.XX ±0.15	X.XXX* ±0.5°							

A

B

C

D

E

F

A

B

C

D

E

F

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	1:Tolerance change 2: Add views	25/NOV/21	MATT	CHERRY
2		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: FT45001

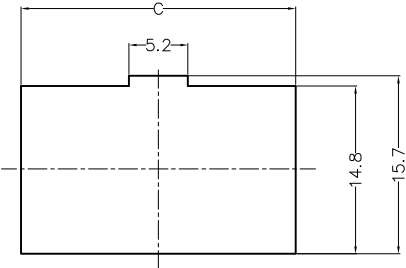
Mates With: FHG45001Series.

Circuits	Part No.	Dimensions(mm)		
		A	B	C
9	FHG45002-T09F2W1B	9.00	15.00	19.7
12	FHG45002-T12F2W1B	13.50	19.50	24.2
15	FHG45002-T15F2W1B	18.00	24.00	28.7

Ordering Information

FHG 450 02 — X XX F 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		02		S—Single Row D—Double row T—Triple row		
5	Circuits	6	Type	7	Material—Resin	8	Color—Resin	9	Packaging
	XX		F—Female		2—PA66		W1—White		B—PE Bag



PANEL LAYOUT

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 25/JUN/13	PART NO. FHG45002-XXXF2W1B	ITEM NO. FHG45002	 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 2	SHEET NO. 3/3
		X.X ±0.25	X.XX* ±1°						
SCALE 5:1	SIZE A4	X.XX ±0.15	X.XXX* ±0.5°						