

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

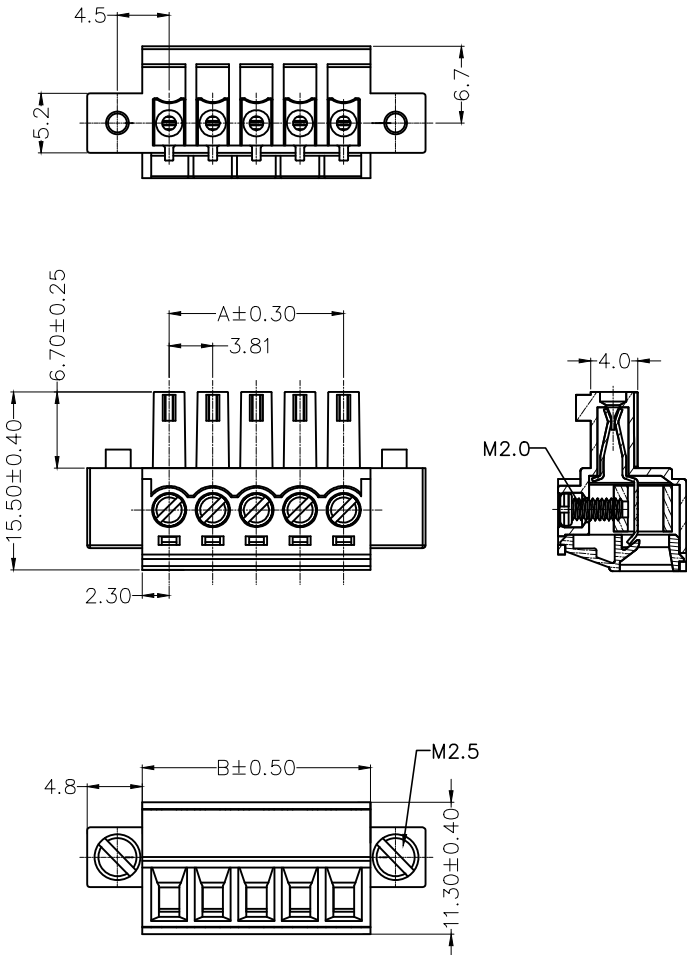
**SPECIFICATIONS**

**Electrical**

Current Rating: 10A AC(rms)/DC  
 Voltage Rating: 300V AC(rms)/DC  
 Contact Resistance: 20 mΩ Max.  
 Insulation Resistance: 500 MΩ Min @ 500V DC.  
 Dielectric Voltage: 2000V AC /1 Min.  
 Surge Voltage: 4000V (5 times).  
 Temperature Range-Operating: -40°C~+105°C  
 Altitude: 2000m MAX. 40Kpa~80Kpa  
 Screw Torque: 0.23Nm(2Lb.in)  
 Wire range: 16~28AWG  
 Strip length: 6~7mm

**Material and Plating**

Housing: PA66 (UL 94V-0)  
 Cover: PA66 (UL 94V-0)  
 Clamp: Phosphor bronze /Tin plated  
 Cage: Brass / Nicel plated  
 Screw: Steel / Zinc plated



**Ordering Information**

FTB 381 02 — F XX B 2 GN B  
 1 2 3 4 5 6 7 8 9

1	Category FTB-Terminal Block	2	Series Number 381-Pitch3.81mm	3	Distinction No. 02	4	Type F-Female		
5	Circuits XX	6	Entry Angle B-180° Vertical	7	Material-Resin 2-PA66	8	Color-Resin GN-Green	9	Packaging B-PE Bag

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED) X. ±0.30 X.* ±5° X.X ±0.20 X.X* ±2° X.XX ±0.15 X.XX* ±1° X.XXX ±0.10 X.XXX* ±0.5°		APPROVE BY FRANK	DATE 12/AUG/21	PART NO. FTB38102-FXXB2GNB	ITEM NO. FTB38102	<p>Building Technology Cornerstone</p>	
	DESIGN UNITS Metric	SCALE 5:1	SIZE A4	CHECKED BY CHERRY	DATE 12/AUG/21	TITLE Terminal block 3.81mm 180° Vertical Female		REV 0
DRAWN BY MATT					DATE 12/AUG/21	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

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REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

A

B

B

C

C

D

D



E

E

F

F

Circuits (n)	Part No.	Dimensions (mm)		Circuits (n)	Part No.	Dimensions (mm)	
		A	B			A	B
2	FTB38102-F02B2GNB	3.81	8.41	14	FTB38102-F14B2GNB	49.53	54.13
3	FTB38102-F03B2GNB	7.62	12.22	15	FTB38102-F15B2GNB	53.34	57.94
4	FTB38102-F04B2GNB	11.43	16.03	16	FTB38102-F16B2GNB	57.15	61.75
5	FTB38102-F05B2GNB	15.24	19.84	17	FTB38102-F17B2GNB	60.96	65.56
6	FTB38102-F06B2GNB	19.05	23.65	18	FTB38102-F18B2GNB	64.77	69.37
7	FTB38102-F07B2GNB	22.86	27.46	19	FTB38102-F19B2GNB	68.58	73.18
8	FTB38102-F08B2GNB	26.67	31.27	20	FTB38102-F20B2GNB	72.39	76.99
9	FTB38102-F09B2GNB	30.48	35.08	21	FTB38102-F21B2GNB	76.20	80.80
10	FTB38102-F10B2GNB	34.29	38.89	22	FTB38102-F22B2GNB	80.01	84.61
11	FTB38102-F11B2GNB	38.10	42.70	23	FTB38102-F23B2GNB	83.82	88.42
12	FTB38102-F12B2GNB	41.91	46.51	24	FTB38102-F24B2GNB	87.63	92.23
13	FTB38102-F13B2GNB	45.72	50.32				

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	X. ±0.30    X.* ±5°	X.X ±0.20    X.X* ±2°	CHECKED BY CHERRY	DATE 12/AUG/21	TITLE Terminal block 3.81mm 180° Vertical Female		
DESIGN UNITS Metric(mm)	X.XX ±0.15    X.XX* ±1°	DRAWN BY MATT	DATE 12/AUG/21	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
SCALE 5:1	SIZE A4	X.XXX ±0.10    X.XXX* ±0.5°					

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