

A

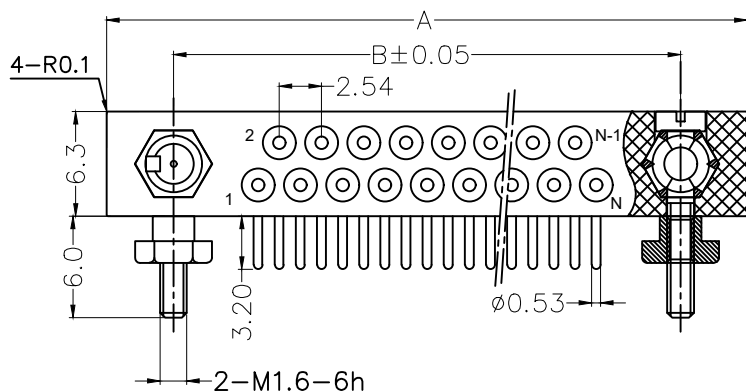
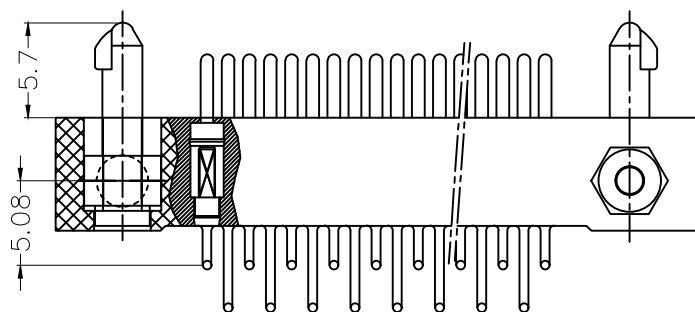
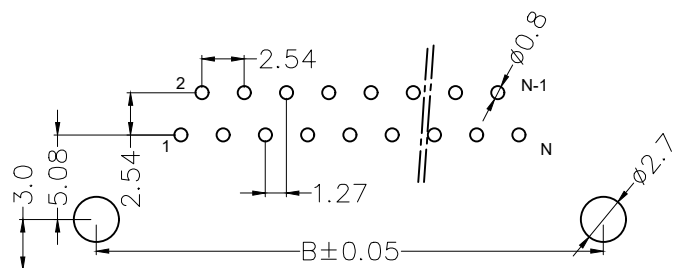
B

C

D

E

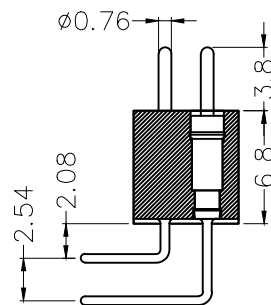
F



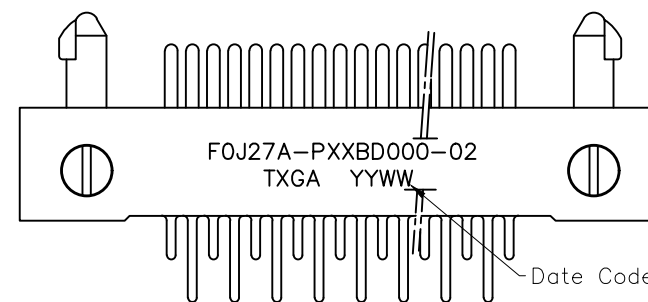
Recommended P.C.Board Layout
General tolerances: ± 0.05

Table 1

Circuits (n)	Part No.	Dimensions	
		A	B
17	F0J27A-P17BD000-02	38.5	30.48
29	F0J27A-P29BD000-02	53.7	45.72
41	F0J27A-P41BD000-02	69.0	60.96
53	F0J27A-P53BD000-02	84.2	76.20
65	F0J27A-P65BD000-02	99.5	91.44



Internal structure



SPECIFICATIONS

Electrical

Current Rating: 3A

Voltage Rating: 300V AC(rms)

Contact Resistance: 10 m Ω Max.Insulation Resistance: 5000 M Ω Min.

Withstanding Voltage: 1000V AC r.m.s

Temperature Range-Operating: $-55^{\circ}\text{C}\sim+125^{\circ}\text{C}$

Mechanical

Durability: 1000 Cycles

Vibration: Frequency 10Hz~2000Hz, Acceleration 150m/s²,Shock: Peak acceleration 1000m/s²

Material and Plating

Housing: PPS (UL 94V-0) ,Blue

Terminal: Copper Alloy/ Gold Plated

Accessories Terminal: :Stainless steel/Surface Passivation

Salt spray : 48H Min.

Ordering Information

F0J27A — P XX B D 000 — 02
1 2 3 4 5

1 Category F0J27A-J27A Connector	2 Type P-Plug	3 Circuits XX	4 Entry Angle B-90° Angle	5 Assembly Layout D-DIP
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 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 06/AUG/24	PART NO. F0J27A-PXXBD000-02	ITEM NO. F0J27A	 Building Technology Cornerstone	
		X. ±0.30	X.* ±5°	CHECKED BY	DATE	TITLE J27A Series Connector Pitch 2.54mm 90° Angle(Male)			
DESIGN UNITS mm		XX ±0.20	XX.* ±2°	GISELLE	06/AUG/24			REV 0	
SCALE 5:1	SIZE A4	XXX ±0.15	XXX.* ±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			
		XXX.XX ±0.10	XXX.XX.* ±0.5°	NICK	06/AUG/24				

A

B

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D

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