

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		Dimension: Change 1.4 into 2.5mm	28/NOV/17	KATE	VERNON
2		Structure optimization	04/MAR/19	KATE	ANDY

SPECIFICATIONS

Electrical

Current Rating: 3A AC(rms)/DC
Voltage Rating: 12V AC(rms)/DC
Contact Resistance: 50 mΩ Max at normal working height
Insulation Resistance: 100 MΩ Min
Withstanding Voltage: 500V AC r.m.s
Temperature Range-Operating: -40°C~+105°C
Salt Spray: 24H
Spring force: 120g±20g at normal working height(1.5mm)
Durability: 10,000 cycles(minimum)

Material and Plating

Housing: PA9T (UL94V-0) , Black
Plunger: Brass/Gold Plated
Barrel: Brass/Gold Plated
Spring: Sus304/Gold Plated

Ordering Information

FPG 400 04 — S 05 S 1 XX 7 B
1 2 3 4 5 6 7 8 9 10

1	Category FPG-Pogo Pin	2	Series Number 400-Pitch4.00mm	3	Distinction No. 04	4	Row Option S-Single Row	5	Circuits 05
6	Entry Angle S-180° Vertical	7	Plating 1-Gold Plated	8	Thickness of Plating 00-Gold flash 01-1μ" 05-5μ" Custom plate available	9	Material-Resin 7-PA9T	10	Packaging B-PE Bag

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 29/SEP/17	PART NO. FPG40004-S05S1XX7B	ITEM NO. FPG40004	 Building Technology Cornerstone	
		X.±.012(0.30)	X.±5°	CHECKED BY	DATE	TITLE Pogo Pin Connector Pitch 4.0mm 180° Vertical(DIP)			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	X.±2°	CHERRY	29/SEP/17			REV 2	
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.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.XXX±.004(0.10)	.XXX'±0.5'	VERNON	29/SEP/17				

Recommended P.C.Board Layout