

Dimensions(in/mm)		
H	W	K
.039(1.00)	.134(3.40)	.059(1.50)
.059(1.50)		
.079(2.00)	.118(3.00)	.039(1.00)
.098(2.50)		

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Size change	14/SEP/20	KATE	CHERRY
2	△	Update housing structure	19/SEP/24	MATT	LEO

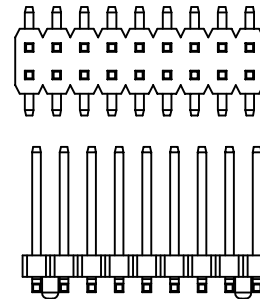
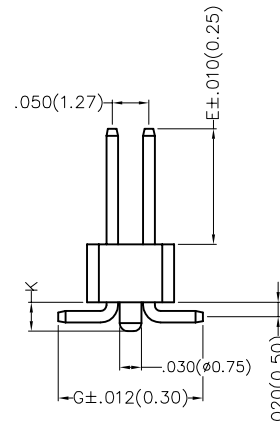
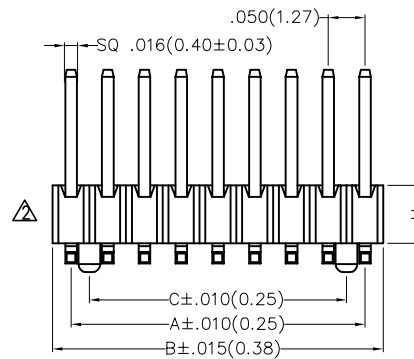
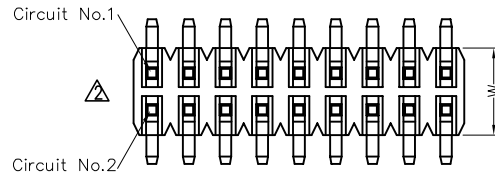
SPECIFICATIONS

Electrical

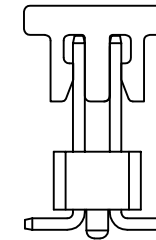
Current Rating:1.0A AC(rms)/DC
Voltage Rating:250V AC(rms)/DC
Contact Resistance:20 mΩ Max
Insulation Resistance:1000 MΩ Min
Withstanding Voltage:600V AC r.m.s
Temperature Range—Operating:−40°C~+105°C

Material and Plating

Housing:Glass Filled Polyester (UL 94V−0), Color: Black
Pin:Brass
Pin Plating: Gold plated/ Selective gold plated on contact area and 120μ" Min. matte tin plated on tails area



△ Only H=.039(1.00)



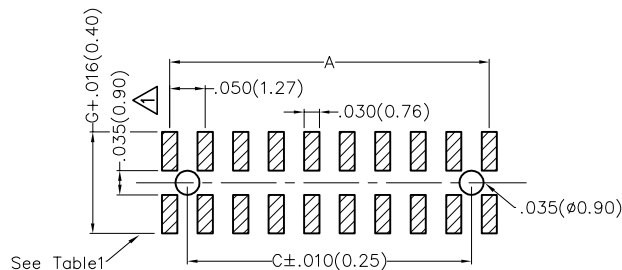
REEL WITH CAP

Ordering Information

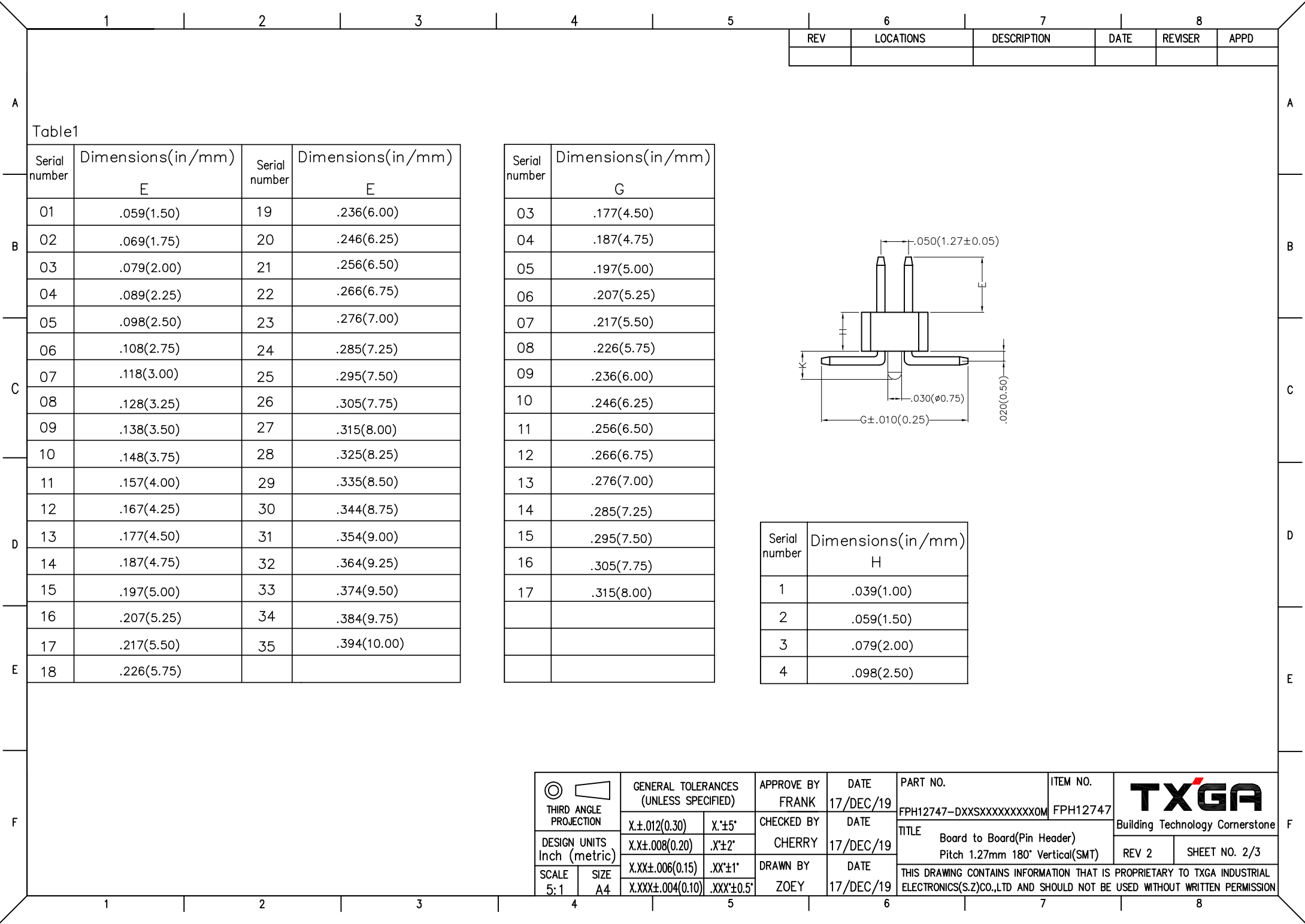
FPH	127	47	—	D	XX	S	X	XX	X	XX	XX	X	0	M
1	2	3		4	5	6	7	8	9	10	11	12		13

Category	2 Series Number	3 Distinction No.	4 Row Option	5 Circuits	6 Entry Angle	7 Plating
FPH—Pin Header	127—Pitch1.27mm	47	D—Double Row	XX	S—180° Vertical	1—Gold plated 7—Selective gold plated on contact area and matte tin plated on tails area
8 Thickness of Plating	9 Material—Resin	10 E Size	11 G Size	12 H Size	13 Packaging	
01—1μ" 15—15μ" Custom plate available	3—LCP 4—PA6T 5—PA9T	01,02...—Serial number (See Table1)	01,02...—Serial number (See Table1)	1,2...—Serial number (See Table1)	M—Reel	

Recommended P.C.Board Layout



 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 17/DEC/19	PART NO. FPH12747-DXXSXXXXXXXXXOM	ITEM NO. FPH12747	 Building Technology Cornerstone		
		X.±.012(0.30)	X.±5°	CHECKED BY	DATE	TITLE				
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	.X'±2°	CHERRY	17/DEC/19	Board to Board(Pin Header) Pitch 1.27mm 180° Vertical(SMT)		REV 2		SHEET NO. 1/3
		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°	ZOEY	17/DEC/19					
SCALE 5:1	SIZE A4									

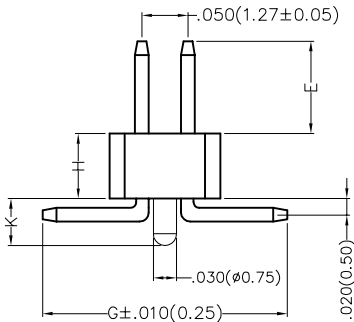


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Table1

Serial number	Dimensions(in/mm)	Serial number	Dimensions(in/mm)
	E		E
01	.059(1.50)	19	.236(6.00)
02	.069(1.75)	20	.246(6.25)
03	.079(2.00)	21	.256(6.50)
04	.089(2.25)	22	.266(6.75)
05	.098(2.50)	23	.276(7.00)
06	.108(2.75)	24	.285(7.25)
07	.118(3.00)	25	.295(7.50)
08	.128(3.25)	26	.305(7.75)
09	.138(3.50)	27	.315(8.00)
10	.148(3.75)	28	.325(8.25)
11	.157(4.00)	29	.335(8.50)
12	.167(4.25)	30	.344(8.75)
13	.177(4.50)	31	.354(9.00)
14	.187(4.75)	32	.364(9.25)
15	.197(5.00)	33	.374(9.50)
16	.207(5.25)	34	.384(9.75)
17	.217(5.50)	35	.394(10.00)
18	.226(5.75)		

Serial number	Dimensions(in/mm)
	G
03	.177(4.50)
04	.187(4.75)
05	.197(5.00)
06	.207(5.25)
07	.217(5.50)
08	.226(5.75)
09	.236(6.00)
10	.246(6.25)
11	.256(6.50)
12	.266(6.75)
13	.276(7.00)
14	.285(7.25)
15	.295(7.50)
16	.305(7.75)
17	.315(8.00)



Serial number	Dimensions(in/mm)
	H
1	.039(1.00)
2	.059(1.50)
3	.079(2.00)
4	.098(2.50)

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Building Technology Cornerstone			
				FRANK	17/DEC/19	FPH12747-DXXSXXXXXXXXXXOM	FPH12747				
DESIGN UNITS Inch (metric)		X.±.012(0.30)	X.±5°	CHECKED BY	DATE	TITLE Board to Board(Pin Header) Pitch 1.27mm 180° Vertical(SMT)		REV 2 SHEET NO. 2/3			
		X.X±.008(0.20)	.X°±2°	CHERRY	17/DEC/19						
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°	ZOEY	17/DEC/19						

1		2		3		4		5		6		7		8							
										REV		LOCATIONS		DESCRIPTION		DATE		REVISED		APPD	