

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	PE bag changed to tray packaging	15/JUN/23	MATT	LEO

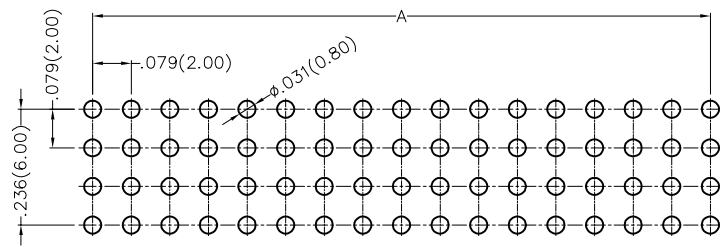
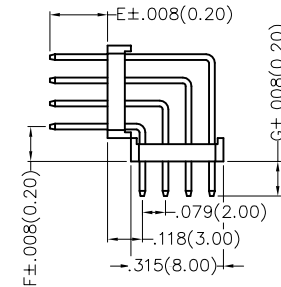
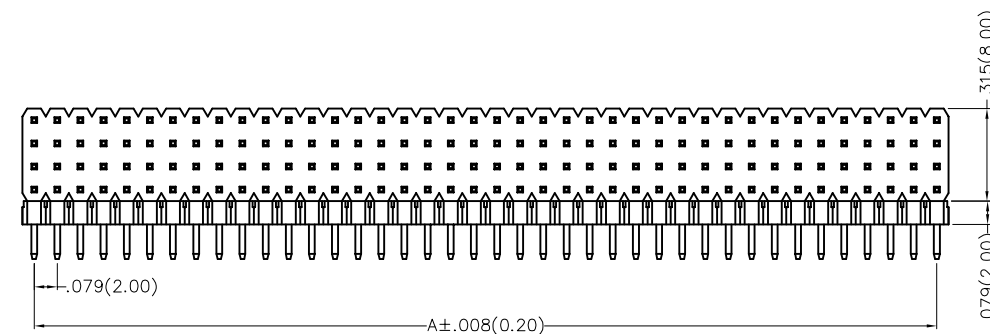
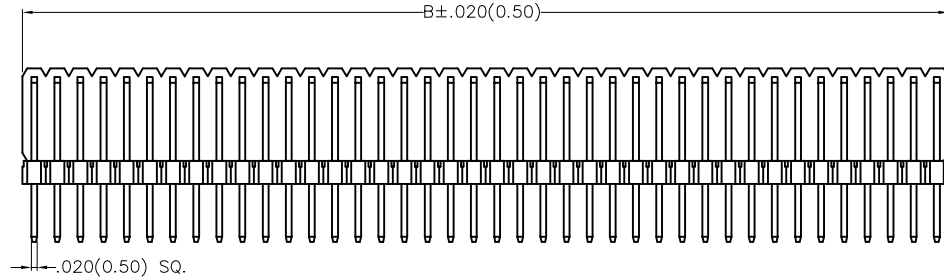
SPECIFICATIONS

Electrical

Current Rating: 2.0A 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

Housing: Glass Filled Polyester (UL 94V-0), Color: Black
Pin: Brass
Pin Plating: Gold plated



Recommended P.C.Board Layout
General Tolerances: ±0.05mm

Ordering Information

FPH 200 79 - F XX B 1 XX X XX XX XX K
1 2 3 4 5 6 7 8 9 10 11 12 13

1 Category FPH-Pin Header	2 Series Number 200-Pitch 2.00mm	3 Distinction No. 79	4 Row Option F-Four Row	5 Circuits XX	6 Entry Angle B-90° Angle	7 Plating 1-Gold plated
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8 Thickness of Plating 01-1μ" 15-15μ" Custom plate available	9 Material-Resin 1-PBT 4-PA6T	10 E Size 01,02...-Serial number (See Table1)	11 F Size 01,02...-Serial number (See Table1)	12 G Size 01,02...-Serial number (See Table1)	13 Packaging K-Tray △
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 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 16/NOV/22	PART NO. FPH20079-FXXB1XXXXXXXXXK	ITEM NO. FPH20079	 Leader Of Industry
	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 16/NOV/22	TITLE Board to Board(Pin Header) Pitch 2.00mm 90° Angle(DIP)		
DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X'±2"	DRAWN BY MATT	DATE 16/NOV/22	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.XX±.006(0.15)					
		X.XXX±.004(0.10)					

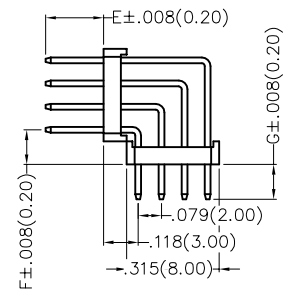
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Table1

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

Serial number	Dimensions (in/mm) G	Serial number	Dimensions (in/mm) G
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)		



 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 16/NOV/22	PART NO. FPH20079--FXXB1XXXXXXXXXX	ITEM NO. FPH20079	 Leader Of Industry
	DESIGN UNITS Inch (metric)	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 16/NOV/22	TITLE Board to Board(Pin Header) Pitch 2.00mm 90° Angle(DIP)	
SCALE 5:1	X.X±.008(0.20)	.X'±2'	DRAWN BY MATT	DATE 16/NOV/22	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		REV 1
SIZE A4	X.XX±.006(0.15)	.XX'±1'					SHEET NO. 2/3
	X.XXX±.004(0.10)	.XXX'±0.5'					

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

A

B

B

C

C

D

D



E

E

F

F

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
8	FPH20079-F08BXXXXXXXXXXK	.079(2.00)	.157(4.00)	88	FPH20079-F88BXXXXXXXXXXK	1.654(42.00)	1.732(44.00)
12	FPH20079-F12BXXXXXXXXXXK	.157(4.00)	.236(6.00)	92	FPH20079-F92BXXXXXXXXXXK	1.732(44.00)	1.811(46.00)
16	FPH20079-F16BXXXXXXXXXXK	.236(6.00)	.315(8.00)	96	FPH20079-F96BXXXXXXXXXXK	1.811(46.00)	1.890(48.00)
20	FPH20079-F20BXXXXXXXXXXK	.315(8.00)	.394(10.00)	100	FPH20079-F100BXXXXXXXXXXK	1.890(48.00)	1.969(50.00)
24	FPH20079-F24BXXXXXXXXXXK	.394(10.00)	.472(12.00)	104	FPH20079-F104BXXXXXXXXXXK	1.969(50.00)	2.047(52.00)
28	FPH20079-F28BXXXXXXXXXXK	.472(12.00)	.551(14.00)	108	FPH20079-F108BXXXXXXXXXXK	2.047(52.00)	2.126(54.00)
32	FPH20079-F32BXXXXXXXXXXK	.551(14.00)	.630(16.00)	112	FPH20079-F112BXXXXXXXXXXK	2.126(54.00)	2.205(56.00)
36	FPH20079-F36BXXXXXXXXXXK	.630(16.00)	.709(18.00)	116	FPH20079-F116BXXXXXXXXXXK	2.205(56.00)	2.283(58.00)
40	FPH20079-F40BXXXXXXXXXXK	.709(18.00)	.787(20.00)	120	FPH20079-F120BXXXXXXXXXXK	2.283(58.00)	2.362(60.00)
44	FPH20079-F44BXXXXXXXXXXK	.787(20.00)	.866(22.00)	124	FPH20079-F124BXXXXXXXXXXK	2.362(60.00)	2.441(62.00)
48	FPH20079-F48BXXXXXXXXXXK	.866(22.00)	.945(24.00)	128	FPH20079-F128BXXXXXXXXXXK	2.441(62.00)	2.520(64.00)
52	FPH20079-F52BXXXXXXXXXXK	.945(24.00)	1.024(26.00)	132	FPH20079-F132BXXXXXXXXXXK	2.520(64.00)	2.598(66.00)
56	FPH20079-F56BXXXXXXXXXXK	1.024(26.00)	1.102(28.00)	136	FPH20079-F136BXXXXXXXXXXK	2.598(66.00)	2.677(68.00)
60	FPH20079-F60BXXXXXXXXXXK	1.102(28.00)	1.181(30.00)	140	FPH20079-F140BXXXXXXXXXXK	2.677(68.00)	2.756(70.00)
64	FPH20079-F64BXXXXXXXXXXK	1.181(30.00)	1.260(32.00)	144	FPH20079-F144BXXXXXXXXXXK	2.756(70.00)	2.835(72.00)
68	FPH20079-F68BXXXXXXXXXXK	1.260(32.00)	1.339(34.00)	148	FPH20079-F148BXXXXXXXXXXK	2.835(72.00)	2.913(74.00)
72	FPH20079-F72BXXXXXXXXXXK	1.339(34.00)	1.417(36.00)	152	FPH20079-F152BXXXXXXXXXXK	2.913(74.00)	2.992(76.00)
76	FPH20079-F76BXXXXXXXXXXK	1.417(36.00)	1.496(38.00)	156	FPH20079-F156BXXXXXXXXXXK	2.992(76.00)	3.071(78.00)
80	FPH20079-F80BXXXXXXXXXXK	1.496(38.00)	1.575(40.00)	160	FPH20079-F160BXXXXXXXXXXK	3.071(78.00)	3.150(80.00)
84	FPH20079-F84BXXXXXXXXXXK	1.575(40.00)	1.654(42.00)				

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	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20) X.XX±.006(0.15) X.XXX±.004(0.10)	X.±5° X.±2° .XX±1° .XXX±0.5°	CHECKED BY CHERRY	DATE 16/NOV/22	TITLE Board to Board(Pin Header) Pitch 2.00mm 90° Angle(DIP)		
SCALE 5:1	SIZE A4		DRAWN BY MATT	DATE 16/NOV/22	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		REV 1	SHEET NO. 3/3

1 2 3 4 5 6 7 8