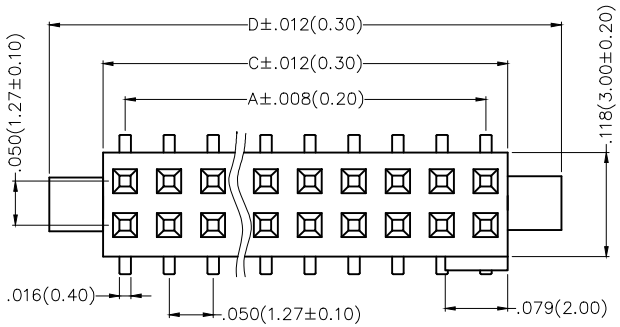
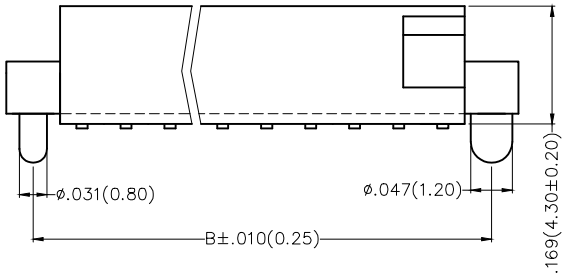
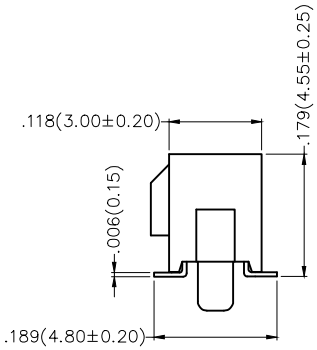
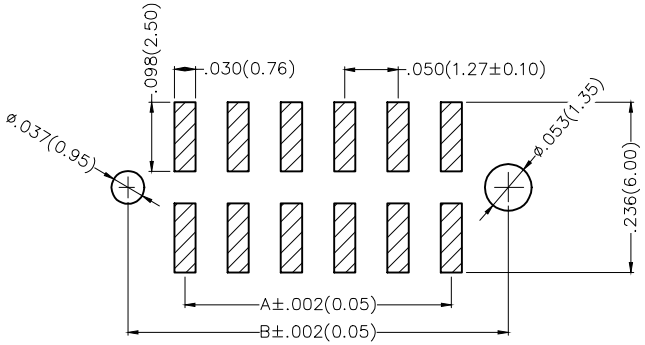
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	⚠1	Part No. FFH12722 Change to FFH12723A	02/SEP/15	CHERRY	FRANK
2	⚠2	Roll up packaging+clamping cover	10/Dec/24	NICK	LEO







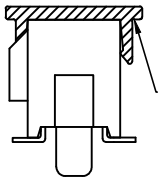


Recommended P.C.Board Layout

Electrical
- Current Rating: 1A AC(rms)/DC
- Voltage Rating: 250V AC(rms)/DC
- Contact Resistance: 20 mΩ Max
- Insulation Resistance: 1000 MΩ MIN
- Withstanding Voltage: 500V AC r.m.s
- Temperature Range–Operating: −40°C～+105°C

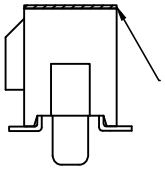
Material and Plating
- Housing: PA6T(UL 94V–0)
- Contact Pin: Phosphor Bronze
- Plating: Gold plated/ Selective gold plated on contact area and 200μ" Min. matte tin plated on tails area

Packing: M–Reel(With Cap)



⚠2

Packing: M1–Reel(With Mylar)



Ordering Information

FFH	127	23	—	D	XX	S	X	XX	X	K6	X	A
1	2	3		4	5	6	7	8	9	10	11	12

1	Category	2	Series Number	3	Distinction No.	4	Row Option	5	Circuits	6	Entry Angle		
	FFH–Female Header		127–Pitch1.27mm		23		D–Double Row		XX		S–180° Vertical		
7	Plating	8	Thickness of Plating	9	Material–Resin	10	Color–Resin	11	Packaging	12	Type		
	1–Gold Plated 7–Selective gold plated on contact area and matte tin plated on tails area		00–Gold Flash 05–5μ" Custom plate available		3–LCP 4–PA6T		K6–Black		L–Tube M–Reel(With Cap) ⚠2 M1–Reel(With Mylar)		A–With Position		

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO. ⚠ FFH12723–DXXSXXXXK6XA	ITEM NO.	TXGA Leader Of Industry
	X.±.012(0.30)	X.°±5°	FRANK	18/JUN/13			
DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X°±2°	CHECKED BY CHERRY	DATE 18/JUN/13	TITLE Board to Board (Female Header) Pitch 1.27mm 180° Vertical (SMT)	FFH12723A	
	X.XX±.006(0.15)	.XX°±1°	DRAWN BY	DATE		REV 2	SHEET NO. 1/2
SCALE 5:1 SIZE A4	X.XXX±.004(0.10)	.XXX°±0.5°	KATE	18/JUN/13	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Dimensions(in/mm)			
		A	B	C	D
6	FFH12723-D06SXXXXK6XA	.100(2.54)	.221(5.61)	.168(4.26)	.298(7.56)
8	FFH12723-D08SXXXXK6XA	.150(3.81)	.271(6.88)	.218(5.53)	.348(8.83)
10	FFH12723-D10SXXXXK6XA	.200(5.08)	.321(8.15)	.268(6.80)	.398(10.10)
12	FFH12723-D12SXXXXK6XA	.250(6.35)	.371(9.42)	.318(8.07)	.448(11.37)
14	FFH12723-D14SXXXXK6XA	.300(7.62)	.421(10.69)	.368(9.34)	.498(12.64)
16	FFH12723-D16SXXXXK6XA	.350(8.89)	.471(11.96)	.418(10.61)	.548(13.91)
18	FFH12723-D18SXXXXK6XA	.400(10.16)	.521(13.23)	.468(11.88)	.598(15.18)
20	FFH12723-D20SXXXXK6XA	.450(11.43)	.571(14.50)	.518(13.15)	.648(16.45)
22	FFH12723-D22SXXXXK6XA	.500(12.70)	.621(15.77)	.568(14.42)	.698(17.72)
24	FFH12723-D24SXXXXK6XA	.550(13.97)	.671(17.04)	.618(15.69)	.748(18.99)
26	FFH12723-D26SXXXXK6XA	.600(15.24)	.721(18.31)	.668(16.96)	.798(20.26)
28	FFH12723-D28SXXXXK6XA	.650(16.51)	.771(19.58)	.718(18.23)	.848(21.53)
30	FFH12723-D30SXXXXK6XA	.700(17.78)	.821(20.85)	.768(19.50)	.898(22.80)
32	FFH12723-D32SXXXXK6XA	.750(19.05)	.871(22.12)	.818(20.77)	.948(24.07)
34	FFH12723-D34SXXXXK6XA	.800(20.32)	.921(23.39)	.868(22.04)	.998(25.34)
36	FFH12723-D36SXXXXK6XA	.850(21.59)	.971(24.66)	.918(23.31)	1.048(26.61)
38	FFH12723-D38SXXXXK6XA	.900(22.86)	1.021(25.93)	.968(24.58)	1.098(27.88)
40	FFH12723-D40SXXXXK6XA	.950(24.13)	1.071(27.20)	1.018(25.85)	1.148(29.15)
42	FFH12723-D42SXXXXK6XA	1.000(25.40)	1.121(28.47)	1.068(27.12)	1.198(30.42)
44	FFH12723-D44SXXXXK6XA	1.050(26.67)	1.171(29.74)	1.118(28.39)	1.248(31.69)
46	FFH12723-D46SXXXXK6XA	1.100(27.94)	1.221(31.01)	1.168(29.66)	1.298(32.96)
48	FFH12723-D48SXXXXK6XA	1.150(29.21)	1.271(32.28)	1.218(30.93)	1.348(34.23)
50	FFH12723-D50SXXXXK6XA	1.200(30.48)	1.321(33.55)	1.268(32.20)	1.398(35.50)
52	FFH12723-D52SXXXXK6XA	1.250(31.75)	1.371(34.82)	1.318(33.47)	1.448(36.77)

Circuits (n)	Part No.	Dimensions(in/mm)			
		A	B	C	D
54	FFH12723-D54SXXXXK6XA	1.300(33.02)	1.421(36.09)	1.368(34.74)	1.498(38.04)
56	FFH12723-D56SXXXXK6XA	1.350(34.29)	1.471(37.36)	1.418(36.01)	1.548(39.31)
58	FFH12723-D58SXXXXK6XA	1.400(35.56)	1.521(38.63)	1.468(37.28)	1.598(40.58)
60	FFH12723-D60SXXXXK6XA	1.450(36.83)	1.571(39.90)	1.518(38.55)	1.648(41.85)
62	FFH12723-D62SXXXXK6XA	1.500(38.10)	1.621(41.17)	1.568(39.82)	1.698(43.12)
64	FFH12723-D64SXXXXK6XA	1.550(39.37)	1.671(42.44)	1.618(41.09)	1.748(44.39)
66	FFH12723-D66SXXXXK6XA	1.600(40.64)	1.721(43.71)	1.667(42.36)	1.798(45.66)
68	FFH12723-D68SXXXXK6XA	1.650(41.91)	1.771(44.98)	1.718(43.63)	1.848(46.93)
70	FFH12723-D70SXXXXK6XA	1.700(43.18)	1.821(46.25)	1.768(44.90)	1.898(48.20)
72	FFH12723-D72SXXXXK6XA	1.750(44.45)	1.871(47.52)	1.818(46.17)	1.948(49.47)
74	FFH12723-D74SXXXXK6XA	1.800(45.72)	1.921(48.79)	1.868(47.44)	1.998(50.74)
76	FFH12723-D76SXXXXK6XA	1.850(46.99)	1.971(50.06)	1.918(48.71)	2.048(52.01)
78	FFH12723-D78SXXXXK6XA	1.900(48.26)	2.021(51.33)	1.968(49.98)	2.098(53.28)
80	FFH12723-D80SXXXXK6XA	1.950(49.53)	2.071(52.60)	2.018(51.25)	2.148(54.55)
82	FFH12723-D82SXXXXK6XA	2.000(50.80)	2.121(53.87)	2.068(52.52)	2.198(55.82)
84	FFH12723-D84SXXXXK6XA	2.050(52.07)	2.171(55.14)	2.118(53.79)	2.248(57.09)
86	FFH12723-D86SXXXXK6XA	2.100(53.34)	2.221(56.41)	2.168(55.06)	2.298(58.36)
88	FFH12723-D88SXXXXK6XA	2.150(54.61)	2.271(57.68)	2.218(56.33)	2.348(59.63)
90	FFH12723-D90SXXXXK6XA	2.200(55.88)	2.321(58.95)	2.268(57.60)	2.398(60.90)
92	FFH12723-D92SXXXXK6XA	2.250(57.15)	2.371(60.22)	2.318(58.87)	2.448(62.17)
94	FFH12723-D94SXXXXK6XA	2.300(58.42)	2.421(61.49)	2.368(60.14)	2.498(63.44)
96	FFH12723-D96SXXXXK6XA	2.350(59.69)	2.471(62.76)	2.418(61.41)	2.548(64.71)
98	FFH12723-D98SXXXXK6XA	2.400(60.96)	2.521(64.03)	2.468(62.68)	2.598(65.98)
100	FFH12723-D100SXXXXK6XA	2.450(62.23)	2.571(65.30)	2.518(63.95)	2.648(67.25)

THIRD ANGLE PROJECTION

DESIGN UNITS Inch (metric)

SCALE 5:1 SIZE A4

GENERAL TOLERANCES (UNLESS SPECIFIED)

X.±.012(0.30)	X.°±5°
X.X±.008(0.20)	.X°±2°
X.XX±.006(0.15)	.XX°±1°
X.XXX±.004(0.10)	.XXX°±0.5°

APPROVE BY	FRANK	DATE 18/JUN/13
CHECKED BY	CHERRY	DATE 18/JUN/13
DRAWN BY	KATE	DATE 18/JUN/13

PART NO. ⚠ FFH12723-DXXSXXXXK6XA

ITEM NO. FFH12723A

TITLE Board to Board (Female Header) Pitch 1.27mm 180° Vertical (SMT)

TXGA Leader Of Industry

REV 2 SHEET NO. 2/2

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