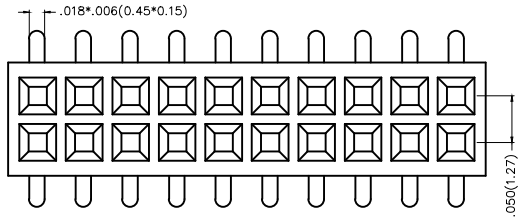
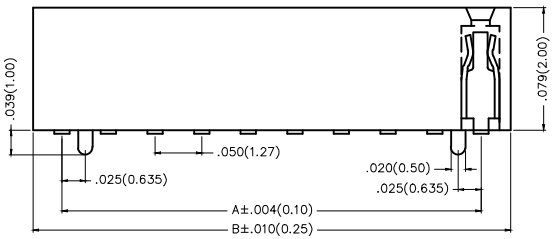
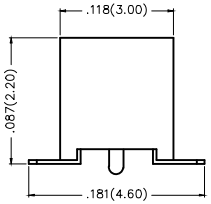
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Electrical
- Current Rating: 1A AC(rms)/DC
- Voltage Rating: 250V AC(rms)/DC
- Contact Resistance: 20 mΩ Max
- Insulation Resistance: 500 MΩ MIN
- Withstanding Voltage: 100V AC r.m.s
- Temperature Range—Operating: −25°C～+85°C

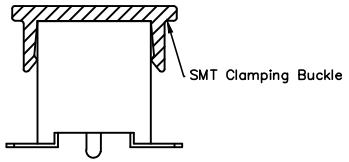
Material and Plating
- Housing: PA6T(UL 94V−0)
- Contact Pin: Phosphor Bronze
- Plating: Gold Plated/Selective gold in contact area, matte(bright) tin on tail



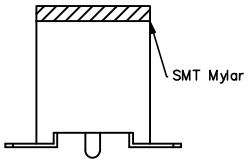


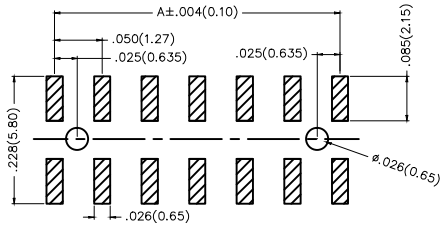


Packing: M−Reel(With Cap)



Packing: M1−Reel(With Mylar)





Recommended P.C.Board Layout

Ordering Information

FFH	127	04	—	D	XX	S	X	XX	4	K6	XX
1	2	3		4	5	6	7	8	9	10	11

	1	2	3	4	5	6
	Category	Series Number	Distinction No.	Row Option	Circuits	Entry Angle
	FFH−Female Header	127−Pitch1.27mm	04	D−Double Row	XX	S−180° Vertical

	7	8	9	10	11
	Plating	Thickness of Plating	Material−Resin	Color−Resin	Packaging
	1−Gold Plated 3−Selective gold in contact area, matte(bright) tin on tail	00−Gold Flash 05−5μ" Custom plate available	4−PA6T	K6−Black	M−Reel(With Cap) M1−Reel(With Mylar) K−Tray

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO. / ITEM NO.
	X.±.012(0.30)	X.°±5°	FRANK	10/JUL/13	FFH12704−DXXSXXX4K6XX / FFH12704
DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X°±2°	CHECKED BY CHERRY	DATE 10/JUL/13	TITLE: Board to Board (Female Header) Pitch 1.27mm 180° Vertical (SMT)
SCALE 5:1 / SIZE A4	X.XX±.006(0.15)	.XX°±1°	DRAWN BY JACOB	DATE 10/JUL/13	REV 0 / SHEET NO. 1/2
	X.XXX±.004(0.10)	.XXX°±0.5°			

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REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B
8	FFH12704-D08SXXX4K6X	.150(3.81)	.214(5.43)
10	FFH12704-D10SXXX4K6X	.200(5.08)	.264(6.70)
12	FFH12704-D12SXXX4K6X	.250(6.35)	.314(7.97)
14	FFH12704-D14SXXX4K6X	.300(7.62)	.364(9.24)
16	FFH12704-D16SXXX4K6X	.350(8.89)	.414(10.51)
18	FFH12704-D18SXXX4K6X	.400(10.16)	.464(11.78)
20	FFH12704-D20SXXX4K6X	.450(11.43)	.514(13.05)
22	FFH12704-D22SXXX4K6X	.500(12.70)	.564(14.32)
24	FFH12704-D24SXXX4K6X	.550(13.97)	.614(15.59)
26	FFH12704-D26SXXX4K6X	.600(15.24)	.664(16.86)
28	FFH12704-D28SXXX4K6X	.650(16.51)	.714(18.13)
30	FFH12704-D30SXXX4K6X	.700(17.78)	.764(19.40)
32	FFH12704-D32SXXX4K6X	.750(19.05)	.814(20.67)
34	FFH12704-D34SXXX4K6X	.800(20.32)	.864(21.94)
36	FFH12704-D36SXXX4K6X	.850(21.59)	.914(23.21)
38	FFH12704-D38SXXX4K6X	.900(22.86)	.964(24.48)
40	FFH12704-D40SXXX4K6X	.950(24.13)	1.014(25.75)
42	FFH12704-D42SXXX4K6X	1.000(25.40)	1.064(27.02)
44	FFH12704-D44SXXX4K6X	1.050(26.67)	1.114(28.29)

Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B
46	FFH12704-D46SXXX4K6X	1.100(27.94)	1.164(29.56)
48	FFH12704-D48SXXX4K6X	1.150(29.21)	1.214(30.83)
50	FFH12704-D50SXXX4K6X	1.200(30.48)	1.264(32.10)
52	FFH12704-D52SXXX4K6X	1.250(31.75)	1.314(33.37)
54	FFH12704-D54SXXX4K6X	1.300(33.02)	1.364(34.64)
56	FFH12704-D56SXXX4K6X	1.350(34.29)	1.414(35.91)
58	FFH12704-D58SXXX4K6X	1.400(35.56)	1.464(37.18)
60	FFH12704-D60SXXX4K6X	1.450(36.83)	1.514(38.45)
62	FFH12704-D62SXXX4K6X	1.500(38.10)	1.564(39.72)
64	FFH12704-D64SXXX4K6X	1.550(39.37)	1.614(40.99)
66	FFH12704-D66SXXX4K6X	1.600(40.64)	1.664(42.26)
68	FFH12704-D68SXXX4K6X	1.650(41.91)	1.714(43.53)
70	FFH12704-D70SXXX4K6X	1.700(43.18)	1.764(44.80)
72	FFH12704-D72SXXX4K6X	1.750(44.45)	1.814(46.07)
74	FFH12704-D74SXXX4K6X	1.800(45.72)	1.864(47.34)
76	FFH12704-D76SXXX4K6X	1.850(46.99)	1.914(48.61)
78	FFH12704-D78SXXX4K6X	1.900(48.26)	1.964(49.88)
80	FFH12704-D80SXXX4K6X	1.950(49.53)	2.014(51.55)
100	FFH12704-D100SXXX4K6X	2.200(62.23)	2.279(64.25)

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 10/JUL/13
CHECKED BY	CHERRY	DATE 10/JUL/13
DRAWN BY	JACOB	DATE 10/JUL/13

PART NO. FFH12704-DXXSXXX4K6XX

ITEM NO. FFH12704

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

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REV 0 | SHEET NO. 1/2

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