

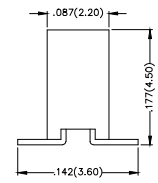
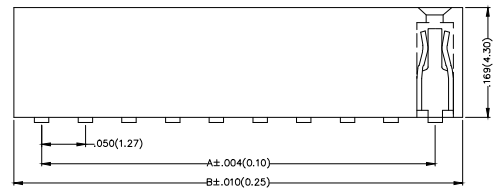
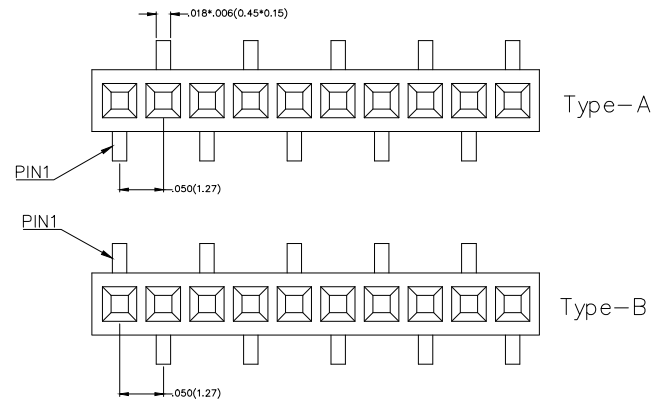
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Electrical

Current Rating: 1A AC(rms)/DC
 Voltage Rating: 250V AC(rms)/DC
 Contact Resistance: 20 mΩ Max
 Insulation Resistance: 1000 MΩ MIN
 Withstanding Voltage: 500V AC r.m.s
 Temperature Range-Operating: -40°C~+85°C

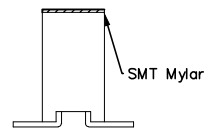
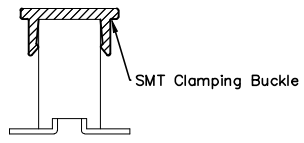
Material and Plating

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



Packing: M-Reel(With Cap)

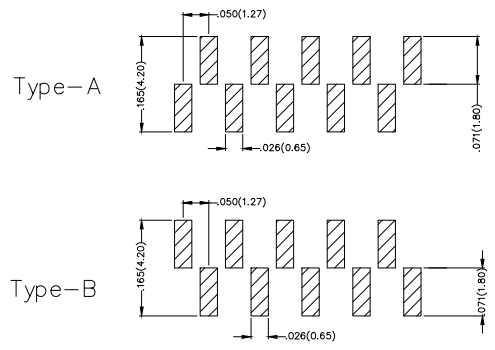
Packing: M1-Reel(With Mylar)




Ordering Information

FFH 127 01 - S XX S X XX 4 K6 XX - X
 1 2 3 4 5 6 7 8 9 10 11 12

1 Category FFH-Female Header	2 Series Number 127-Pitch1.27mm	3 Distinction No. 01	4 Row Option S-Single row	5 Circuits XX	6 Entry Angle S-180° Vertical
7 Plating 1-Gold Plated 3-Selective gold on contact area, tin on tail	8 Thickness of Plating 00-Gold Flash 05-5μ" Custom plate available	9 Material-Resin 4-PA6T	10 Color-Resin K6-Black	11 Packaging M-Reel(With Cap) M1-Reel(With Mylar)	12 Type A- Type-A B- Type-B





Recommended P.C.Board Layout

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 10/JUL/13	PART NO. FFH12701-SXXSXX4K6XX-X	ITEM NO. FFH12701	 Leader Of Industry
	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 10/JUL/13	TITLE Board to Board (Female Header) Pitch 1.27mm 180° Vertical (SMT)	
SCALE 5:1	SIZE A4	DRAWN BY JACOB		DATE 10/JUL/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)		Circuits (n)	Part No.	Dimensions(in./mm)	
		A	B			A	B
2	FFH12701-S02SXXX4K6M-X	.050(1.27)	.114(2.89)	22	FFH12701-S22SXXX4K6M-X	1.050(26.67)	1.114(28.29)
3	FFH12701-S03SXXX4K6M-X	.100(2.54)	.164(4.16)	23	FFH12701-S23SXXX4K6M-X	1.100(27.94)	1.164(29.56)
4	FFH12701-S04SXXX4K6M-X	.150(3.81)	.214(5.43)	24	FFH12701-S24SXXX4K6M-X	1.150(29.21)	1.214(30.83)
5	FFH12701-S05SXXX4K6M-X	.200(5.08)	.264(6.70)	25	FFH12701-S25SXXX4K6M-X	1.200(30.48)	1.264(32.10)
6	FFH12701-S06SXXX4K6M-X	.250(6.35)	.314(7.97)	26	FFH12701-S26SXXX4K6M-X	1.250(31.75)	1.314(33.37)
7	FFH12701-S07SXXX4K6M-X	.300(7.62)	.364(9.24)	27	FFH12701-S27SXXX4K6M-X	1.300(33.02)	1.364(34.64)
8	FFH12701-S08SXXX4K6M-X	.350(8.89)	.414(10.51)	28	FFH12701-S28SXXX4K6M-X	1.350(34.29)	1.414(35.91)
9	FFH12701-S09SXXX4K6M-X	.400(10.16)	.464(11.78)	29	FFH12701-S29SXXX4K6M-X	1.400(35.56)	1.464(37.18)
10	FFH12701-S10SXXX4K6M-X	.450(11.43)	.514(13.05)	30	FFH12701-S30SXXX4K6M-X	1.450(36.83)	1.514(38.45)
11	FFH12701-S11SXXX4K6M-X	.500(12.70)	.564(14.32)	31	FFH12701-S31SXXX4K6M-X	1.500(38.10)	1.564(39.72)
12	FFH12701-S12SXXX4K6M-X	.550(13.97)	.614(15.59)	32	FFH12701-S32SXXX4K6M-X	1.550(39.37)	1.614(40.99)
13	FFH12701-S13SXXX4K6M-X	.600(15.24)	.664(16.86)	33	FFH12701-S33SXXX4K6M-X	1.600(40.64)	1.664(42.26)
14	FFH12701-S14SXXX4K6M-X	.650(16.51)	.714(18.13)	34	FFH12701-S34SXXX4K6M-X	1.650(41.91)	1.714(43.53)
15	FFH12701-S15SXXX4K6M-X	.700(17.78)	.764(19.40)	35	FFH12701-S35SXXX4K6M-X	1.700(43.18)	1.764(44.80)
16	FFH12701-S16SXXX4K6M-X	.750(19.05)	.814(20.67)	36	FFH12701-S36SXXX4K6M-X	1.750(44.45)	1.814(46.07)
17	FFH12701-S17SXXX4K6M-X	.800(20.32)	.864(21.94)	37	FFH12701-S37SXXX4K6M-X	1.800(45.72)	1.864(47.34)
18	FFH12701-S18SXXX4K6M-X	.850(21.59)	.914(23.21)	38	FFH12701-S38SXXX4K6M-X	1.850(46.99)	1.914(48.61)
19	FFH12701-S19SXXX4K6M-X	.900(22.86)	.964(24.48)	39	FFH12701-S39SXXX4K6M-X	1.900(48.26)	1.964(49.88)
20	FFH12701-S20SXXX4K6M-X	.950(24.13)	1.014(25.75)	40	FFH12701-S40SXXX4K6M-X	1.950(49.53)	2.014(51.55)
21	FFH12701-S21SXXX4K6M-X	1.000(25.40)	1.064(27.02)				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 10/JUL/13	PART NO. FFH12701-SXXX4K6XX-X	ITEM NO. FFH12701	 Leader Of Industry		
	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 10/JUL/13	TITLE Board to Board (Female Header) Pitch 1.27mm 180° Vertical (SMT)			REV 0	SHEET NO. 2/2
	X.XX±.008(0.20)	.XX±2'	DRAWN BY JACOB	DATE 10/JUL/13	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
	X.XX±.006(0.15)	.XX±1'							
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XX±0.5'						