

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Size Change	12/JAN/23	MATT	KATE

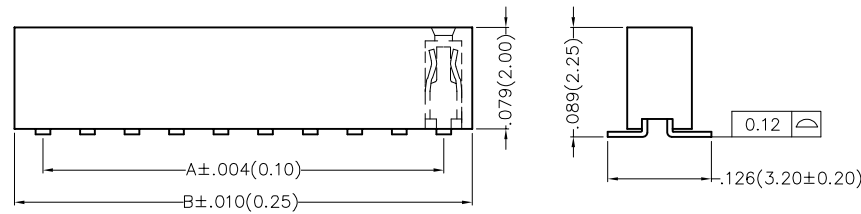
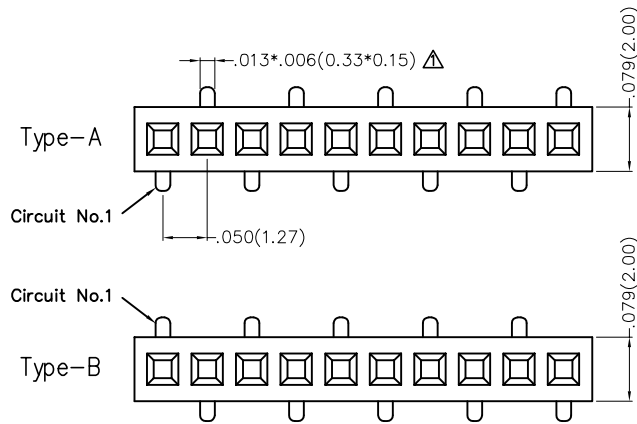
SPECIFICATIONS

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

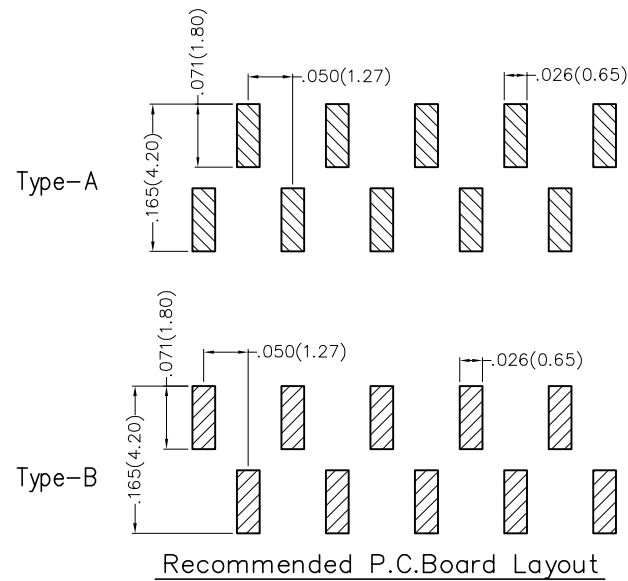
Housing: Glass Filled Polyester (UL 94V-0)
Pin: Phosphor Bronze/ Gold Plated



Ordering Information

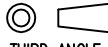
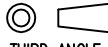
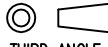
FFH 127 27 — S XX S 1 XX 4 K6 XX X
1 2 3 4 5 6 7 8 9 10 11 12

1	Category FFH—Female Header	2	Series Number 127—Pitch1.27mm	3	Distinction No. 27	4	Row Option S—Single row	5	Circuits XX	6	Entry Angle S—180° Vertical
7	Plating 1—Gold Plated	8	Thickness of Plating 00—Gold Flash 01—1μ" 15—15μ" Custom plate available	9	Material—Resin 4—PA6T	10	Color—Resin K6—Black	11	Packaging M1—Reel(With Mylar) L—Tube	12	Type A—Type A B—Type B



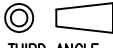
Recommended P.C.Board Layout

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 04/NOV/16	PART NO. FFH12727-SXXS1XX4K6XXX	ITEM NO. FFH12727	 Leader Of Industry	
		X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 04/NOV/16	TITLE Board to Board(Female Header) Pitch 1.27mm 180° Vertical(SMT)			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	.X'±2"		DRAWN BY KATE			DATE 04/NOV/16	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)	.XX'±1'						
		X.XXX±.004(0.10)	.XXX'±0.5'						

1		2		3		4		5		6		7		8																																						
										REV	LOCATIONS	DESCRIPTION	DATE	REVISED	APPD																																					
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B	Circuit s (n)	Part No.	Dimensions(in/mm)		Circuit s (n)	Part No.	Dimensions(in/mm)		B																																											
			A	B			A	B																																												
	2	FFH12727-S02S1XX4K6XXX	.050(1.27)	.118(2.99)	27	FFH12727-S27S1XX4K6XXX	1.300(33.02)	1.368(34.74)																																												
	3	FFH12727-S03S1XX4K6XXX	.100(2.54)	.168(4.26)	28	FFH12727-S28S1XX4K6XXX	1.350(34.29)	1.418(36.01)																																												
	4	FFH12727-S04S1XX4K6XXX	.150(3.81)	.218(5.53)	29	FFH12727-S29S1XX4K6XXX	1.400(35.56)	1.468(37.28)																																												
	5	FFH12727-S05S1XX4K6XXX	.200(5.08)	.268(6.80)	30	FFH12727-S30S1XX4K6XXX	1.450(36.83)	1.518(38.55)																																												
	6	FFH12727-S06S1XX4K6XXX	.250(6.35)	.318(8.07)	31	FFH12727-S31S1XX4K6XXX	1.500(38.10)	1.568(39.82)																																												
	7	FFH12727-S07S1XX4K6XXX	.300(7.62)	.368(9.34)	32	FFH12727-S32S1XX4K6XXX	1.550(39.37)	1.618(41.09)																																												
	8	FFH12727-S08S1XX4K6XXX	.350(8.89)	.418(10.61)	33	FFH12727-S33S1XX4K6XXX	1.600(40.64)	1.668(42.36)																																												
	9	FFH12727-S09S1XX4K6XXX	.400(10.16)	.468(11.88)	34	FFH12727-S34S1XX4K6XXX	1.650(41.91)	1.718(43.63)																																												
C	10	FFH12727-S10S1XX4K6XXX	.450(11.43)	.518(13.15)	35	FFH12727-S35S1XX4K6XXX	1.700(43.18)	1.768(44.90)	C																																											
	11	FFH12727-S11S1XX4K6XXX	.500(12.70)	.568(14.42)	36	FFH12727-S36S1XX4K6XXX	1.750(44.45)	1.818(46.17)																																												
	12	FFH12727-S12S1XX4K6XXX	.550(13.97)	.618(15.69)	37	FFH12727-S37S1XX4K6XXX	1.800(45.72)	1.868(47.44)																																												
	13	FFH12727-S13S1XX4K6XXX	.600(15.24)	.668(16.96)	38	FFH12727-S38S1XX4K6XXX	1.850(46.99)	1.918(48.71)																																												
	14	FFH12727-S14S1XX4K6XXX	.650(16.51)	.718(18.23)	39	FFH12727-S39S1XX4K6XXX	1.900(48.26)	1.968(49.98)																																												
	15	FFH12727-S15S1XX4K6XXX	.700(17.78)	.768(19.50)	40	FFH12727-S40S1XX4K6XXX	1.950(49.53)	2.018(51.25)																																												
	16	FFH12727-S16S1XX4K6XXX	.750(19.05)	.818(20.77)	41	FFH12727-S41S1XX4K6XXX	2.000(50.80)	2.068(52.52)																																												
	17	FFH12727-S17S1XX4K6XXX	.800(20.32)	.868(22.04)	42	FFH12727-S42S1XX4K6XXX	2.050(52.07)	2.118(53.79)																																												
	18	FFH12727-S18S1XX4K6XXX	.850(21.59)	.918(23.31)	43	FFH12727-S43S1XX4K6XXX	2.100(53.34)	2.168(55.06)																																												
	19	FFH12727-S19S1XX4K6XXX	.900(22.86)	.968(24.58)	44	FFH12727-S44S1XX4K6XXX	2.150(54.61)	2.218(56.33)																																												
D	20	FFH12727-S20S1XX4K6XXX	.950(24.13)	1.018(25.85)	45	FFH12727-S45S1XX4K6XXX	2.200(55.88)	2.268(57.60)	D																																											
	21	FFH12727-S21S1XX4K6XXX	1.000(25.40)	1.068(27.12)	46	FFH12727-S46S1XX4K6XXX	2.250(57.15)	2.318(58.87)																																												
	22	FFH12727-S22S1XX4K6XXX	1.050(26.67)	1.118(28.39)	47	FFH12727-S47S1XX4K6XXX	2.300(58.42)	2.368(60.14)																																												
	23	FFH12727-S23S1XX4K6XXX	1.100(27.94)	1.168(29.66)	48	FFH12727-S48S1XX4K6XXX	2.350(59.69)	2.418(61.41)																																												
	24	FFH12727-S24S1XX4K6XXX	1.150(29.21)	1.218(30.93)	49	FFH12727-S49S1XX4K6XXX	2.400(60.96)	2.468(62.68)																																												
	25	FFH12727-S25S1XX4K6XXX	1.200(30.48)	1.268(32.20)	50	FFH12727-S50S1XX4K6XXX	2.450(62.23)	2.518(63.95)																																												
	26	FFH12727-S26S1XX4K6XXX	1.250(31.75)	1.318(33.47)																																																
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