

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Size changes	08/JUL/21	KATE	CHERRY

Electrical

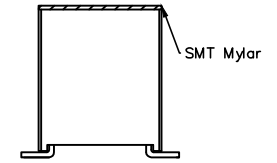
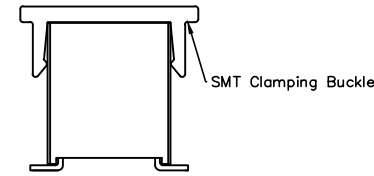
Current Rating: 1A AC(rms)/DC  
 Voltage Rating: 250V AC(rms)/DC  
 Contact Resistance: 20 mΩ Max  
 Insulation Resistance: 1000 MΩ MIN  
 Withstanding Voltage: 500V AC r.m.s  
 Temperature Range-Operating: -40°C~+105°C

Material and Plating

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

Packing: M-Reel(With Cap)

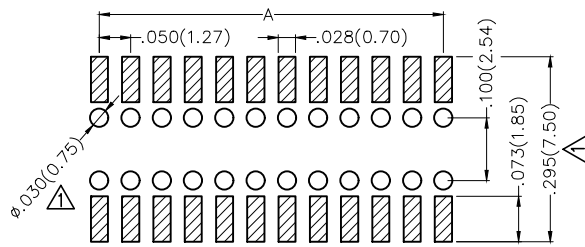
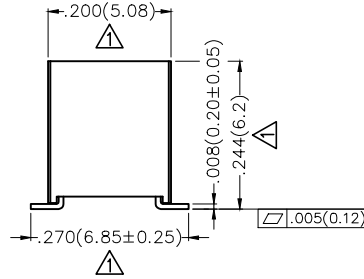
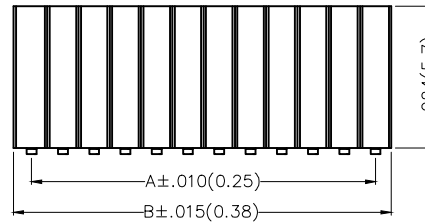
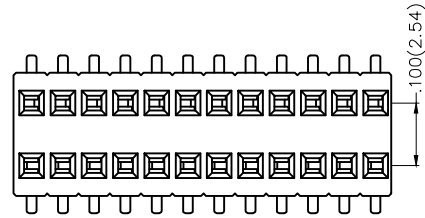
Packing: M1-Reel(With Mylar)




Ordering Information

FFH 127 18 — D XX S X XX 4 K6 XX  
 1 2 3 4 5 6 7 8 9 10 11

1 Category FFH-Female Header	2 Series Number 127-Pitch1.27mm	3 Distinction No. 18	4 Row Option D-Double Row	5 Circuits XX	6 Entry Angle S-180° Vertical
7 Plating 1-Gold Plated 3-Selective gold on contact area, matte 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)	





Recommended P.C.Board Layout

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 10/JUL/13	PART NO. FFH12718-DXXSXX4K6XX	ITEM NO. FFH12718	 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 1 SHEET NO. 1/2

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
6	FFH12718-D06SXXX4K6M	.100(2.54)	.164(4.16)	44	FFH12718-D44SXXX4K6M	1.050(26.67)	1.114(28.29)
8	FFH12718-D08SXXX4K6M	.150(3.81)	.214(5.43)	46	FFH12718-D46SXXX4K6M	1.100(27.94)	1.164(29.56)
10	FFH12718-D10SXXX4K6M	.200(5.08)	.264(6.70)	48	FFH12718-D48SXXX4K6M	1.150(29.21)	1.214(30.83)
12	FFH12718-D12SXXX4K6M	.250(6.35)	.314(7.97)	50	FFH12718-D50SXXX4K6M	1.200(30.48)	1.264(32.10)
14	FFH12718-D14SXXX4K6M	.300(7.62)	.364(9.24)	52	FFH12718-D52SXXX4K6M	1.250(31.75)	1.314(33.37)
16	FFH12718-D16SXXX4K6M	.350(8.89)	.414(10.51)	54	FFH12718-D54SXXX4K6M	1.300(33.02)	1.364(34.64)
18	FFH12718-D18SXXX4K6M	.400(10.16)	.464(11.78)	56	FFH12718-D56SXXX4K6M	1.350(34.29)	1.414(35.91)
20	FFH12718-D20SXXX4K6M	.450(11.43)	.514(13.05)	58	FFH12718-D58SXXX4K6M	1.400(35.56)	1.464(37.18)
22	FFH12718-D22SXXX4K6M	.500(12.70)	.564(14.32)	60	FFH12718-D60SXXX4K6M	1.450(36.83)	1.514(38.45)
24	FFH12718-D24SXXX4K6M	.550(13.97)	.614(15.59)	62	FFH12718-D62SXXX4K6M	1.500(38.10)	1.564(39.72)
26	FFH12718-D26SXXX4K6M	.600(15.24)	.664(16.86)	64	FFH12718-D64SXXX4K6M	1.550(39.37)	1.614(40.99)
28	FFH12718-D28SXXX4K6M	.650(16.51)	.714(18.13)	66	FFH12718-D66SXXX4K6M	1.600(40.64)	1.664(42.26)
30	FFH12718-D30SXXX4K6M	.700(17.78)	.764(19.40)	68	FFH12718-D68SXXX4K6M	1.650(41.91)	1.714(43.53)
32	FFH12718-D32SXXX4K6M	.750(19.05)	.814(20.67)	70	FFH12718-D70SXXX4K6M	1.700(43.18)	1.764(44.80)
34	FFH12718-D34SXXX4K6M	.800(20.32)	.864(21.94)	72	FFH12718-D72SXXX4K6M	1.750(44.45)	1.814(46.07)
36	FFH12718-D36SXXX4K6M	.850(21.59)	.914(23.21)	74	FFH12718-D74SXXX4K6M	1.800(45.72)	1.864(47.34)
38	FFH12718-D38SXXX4K6M	.900(22.86)	.964(24.48)	76	FFH12718-D76SXXX4K6M	1.850(46.99)	1.914(48.61)
40	FFH12718-D40SXXX4K6M	.950(24.13)	1.014(25.75)	78	FFH12718-D78SXXX4K6M	1.900(48.26)	1.964(49.88)
42	FFH12718-D42SXXX4K6M	1.000(25.40)	1.064(27.02)	80	FFH12718-D80SXXX4K6M	1.950(49.53)	2.014(51.55)

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 10/JUL/13	PART NO. FFH12718-DXXSXXX4K6XX	ITEM NO. FFH12718	 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 1	SHEET NO. 2/2
	X.XX±.008(0.20)	.X'±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)	.XXX'±0.5'						