

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		Size: Change .016(0.40) into .008(0.20)	26/APR/22	KATE	CHERRY
2		K "correction size or Change structure	18/Mar/25	NICK	LEO

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: Polyester (UL94V-0)
Contact Pin: Brass
Plating: Gold plated/ Selective gold plated on contact area
and 200μ" Min. matte tin plated on tails area

Ordering Information

FBH 127 18 — D XX S X XX X K6 X XX (A)
1 2 3 4 5 6 7 8 9 10 11 12 13

1	Category FBH—Box Header	2	Series Number 127—Pitch 1.27mm	3	Distinction No. 18	4	Row Option D—Double Row	5	Circuits XX	6	Entry Angle S—180° Vertical	7	Plating 1—Gold Plated 7—Selective gold plated on contact area and matte tin plated on tails area
8	Thickness of Plating 00—Gold Flash 05—5μ" Custom plate available	9	Material—Resin 4—PA6T 3—LCP	10	Color—Resin K6—Black	11	Packaging K—Tray L—Tube M—Reel	12	Size 01,02... —Series number (See Table1) Custom length available	13	Type A—With position		

Recommended P.C.Board Layout
Tolerances: ±.002(0.05)

		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 12/AUG/16	PART NO. FBH12718-DXXSXXXK6XXX(A)	ITEM NO. FBH12718	 Leader Of Industry	
THIRD ANGLE PROJECTION		X.±.012(0.30)	X.°±5°	CHECKED BY	DATE	TITLE			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	.X°±2°	KATE	12/AUG/16	Wire to Board(Box Header) Pitch 1.27mm 180° Vertical(SMT)		REV 2	SHEET NO. 1/3
SCALE 5:1		SIZE A4		DRAWN BY	DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
				VERNON	12/AUG/16				

6		7		8	
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2	<u>2</u>	K "value correction size	18/Mar/25	NICK	LEO

[illegible]

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 12/AUG/16	PART NO. FBH12718-DXXSXXXK6XXX(A)	ITEM NO. FBH12718	 Leader Of Industry	
		X±.012(0.30)	X'±5"	CHECKED BY	DATE	TITLE			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	X'±2"	KATE	12/AUG/16	Wire to Board(Box Header) Pitch 1.27mm 180° Vertical(SMT)		REV 2	SHEET NO. 2/3
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	XX'±1"	DRAWN BY	DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
		X.XXX±.004(0.10)	XXX'±0.5"	VERNON	12/AUG/16				

A

B

C

D

E

F

A

B

C

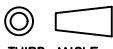
D

E

F

Circuits (n)	Part No.	Dimensions(in/mm)				
		A	B	C	D	E
10	FBH12718-D10SXXXXK6XXX(A)	.200(5.08)	.368(9.35)	.274(6.95)	.150(3.81)	.250(6.35)
12	FBH12718-D12SXXXXK6XXX(A)	.250(6.35)	.418(10.62)	.324(8.22)	.200(5.08)	.300(7.62)
14	FBH12718-D14SXXXXK6XXX(A)	.300(7.62)	.468(11.89)	.374(9.49)	.250(6.35)	.350(8.89)
16	FBH12718-D16SXXXXK6XXX(A)	.350(8.89)	.518(13.16)	.424(10.76)	.300(7.62)	.400(10.16)
18	FBH12718-D18SXXXXK6XXX(A)	.400(10.16)	.568(14.43)	.474(12.03)	.350(8.89)	.450(11.43)
20	FBH12718-D20SXXXXK6XXX(A)	.450(11.43)	.618(15.70)	.524(13.30)	.400(10.16)	.500(12.70)
22	FBH12718-D22SXXXXK6XXX(A)	.500(12.70)	.668(16.97)	.574(14.57)	.450(11.43)	.550(13.97)
24	FBH12718-D24SXXXXK6XXX(A)	.550(13.97)	.718(18.24)	.624(15.84)	.500(12.70)	.600(15.24)
26	FBH12718-D26SXXXXK6XXX(A)	.600(15.24)	.768(19.51)	.674(17.11)	.550(13.97)	.650(16.51)
28	FBH12718-D28SXXXXK6XXX(A)	.650(16.51)	.818(20.78)	.724(18.38)	.600(15.24)	.700(17.78)
30	FBH12718-D30SXXXXK6XXX(A)	.700(17.78)	.868(22.05)	.774(19.65)	.650(16.51)	.750(19.05)
32	FBH12718-D32SXXXXK6XXX(A)	.750(19.05)	.918(23.32)	.824(20.92)	.700(17.78)	.800(20.32)
34	FBH12718-D34SXXXXK6XXX(A)	.800(20.32)	.968(24.59)	.874(22.19)	.750(19.05)	.850(21.59)
36	FBH12718-D36SXXXXK6XXX(A)	.850(21.59)	1.018(25.86)	.924(23.46)	.800(20.32)	.900(22.86)
38	FBH12718-D38SXXXXK6XXX(A)	.900(22.86)	1.068(27.13)	.974(24.73)	.850(21.59)	.950(24.13)
40	FBH12718-D40SXXXXK6XXX(A)	.950(24.13)	1.118(28.40)	1.024(26.00)	.900(22.86)	1.000(25.40)
42	FBH12718-D42SXXXXK6XXX(A)	1.000(25.40)	1.168(29.67)	1.074(27.27)	.950(24.13)	1.050(26.67)
44	FBH12718-D44SXXXXK6XXX(A)	1.050(26.67)	1.218(30.94)	1.124(28.54)	1.000(25.40)	1.100(27.94)
46	FBH12718-D46SXXXXK6XXX(A)	1.100(27.94)	1.268(32.21)	1.174(29.81)	1.050(26.67)	1.150(29.21)
48	FBH12718-D48SXXXXK6XXX(A)	1.150(29.21)	1.318(33.48)	1.224(31.08)	1.100(27.94)	1.200(30.48)
50	FBH12718-D50SXXXXK6XXX(A)	1.200(30.48)	1.368(34.75)	1.274(32.35)	1.150(29.21)	1.250(31.75)
52	FBH12718-D52SXXXXK6XXX(A)	1.250(31.75)	1.418(36.02)	1.324(33.62)	1.200(30.48)	1.300(33.02)
54	FBH12718-D54SXXXXK6XXX(A)	1.300(33.02)	1.468(37.29)	1.374(34.89)	1.250(31.75)	1.350(34.29)

Circuits (n)	Part No.	Dimensions(in/mm)				
		A	B	C	D	E
56	FBH12718-D56SXXXXK6XXX(A)	1.350(34.29)	1.518(38.56)	1.424(36.16)	1.300(33.02)	1.400(35.56)
58	FBH12718-D58SXXXXK6XXX(A)	1.400(35.56)	1.568(39.83)	1.474(37.43)	1.350(34.29)	1.450(36.83)
60	FBH12718-D60SXXXXK6XXX(A)	1.450(36.83)	1.618(41.10)	1.524(38.70)	1.400(35.56)	1.500(38.10)
62	FBH12718-D62SXXXXK6XXX(A)	1.500(38.10)	1.668(42.37)	1.574(39.97)	1.450(36.83)	1.550(39.37)
64	FBH12718-D64SXXXXK6XXX(A)	1.550(39.37)	1.718(43.64)	1.624(41.24)	1.500(38.10)	1.600(40.64)
66	FBH12718-D66SXXXXK6XXX(A)	1.600(40.64)	1.768(44.91)	1.674(42.51)	1.550(39.37)	1.650(41.91)
68	FBH12718-D68SXXXXK6XXX(A)	1.650(41.91)	1.818(46.18)	1.724(43.78)	1.600(40.64)	1.700(43.18)
70	FBH12718-D70SXXXXK6XXX(A)	1.700(43.18)	1.868(47.45)	1.774(45.05)	1.650(41.91)	1.750(44.45)
72	FBH12718-D72SXXXXK6XXX(A)	1.750(44.45)	1.918(48.72)	1.824(46.32)	1.700(43.18)	1.800(45.72)
74	FBH12718-D74SXXXXK6XXX(A)	1.800(45.72)	1.968(49.99)	1.874(47.59)	1.750(44.45)	1.850(46.99)
76	FBH12718-D76SXXXXK6XXX(A)	1.850(46.99)	2.018(51.26)	1.924(48.86)	1.800(45.72)	1.900(48.26)
78	FBH12718-D78SXXXXK6XXX(A)	1.900(48.26)	2.068(52.53)	1.974(50.13)	1.850(46.99)	1.950(49.53)
80	FBH12718-D80SXXXXK6XXX(A)	1.950(49.53)	2.118(53.80)	2.024(51.40)	1.900(48.26)	2.000(50.80)
82	FBH12718-D82SXXXXK6XXX(A)	2.000(50.80)	2.168(55.07)	2.074(52.67)	1.950(49.53)	2.050(52.07)
84	FBH12718-D84SXXXXK6XXX(A)	2.050(52.07)	2.218(56.34)	2.124(53.94)	2.000(50.80)	2.100(53.34)
86	FBH12718-D86SXXXXK6XXX(A)	2.100(53.34)	2.268(57.61)	2.174(55.21)	2.050(52.07)	2.150(54.61)
88	FBH12718-D88SXXXXK6XXX(A)	2.150(54.61)	2.318(58.88)	2.224(56.48)	2.100(53.34)	2.200(55.88)
90	FBH12718-D90SXXXXK6XXX(A)	2.200(55.88)	2.368(60.15)	2.274(57.75)	2.150(54.61)	2.250(57.15)
92	FBH12718-D92SXXXXK6XXX(A)	2.250(57.15)	2.418(61.42)	2.324(59.02)	2.200(55.88)	2.300(58.42)
94	FBH12718-D94SXXXXK6XXX(A)	2.300(58.42)	2.468(62.69)	2.374(60.29)	2.250(57.15)	2.350(59.69)
96	FBH12718-D96SXXXXK6XXX(A)	2.350(59.69)	2.518(63.96)	2.424(61.56)	2.300(58.42)	2.400(60.96)
98	FBH12718-D98SXXXXK6XXX(A)	2.400(60.96)	2.568(65.23)	2.474(62.83)	2.350(59.69)	2.450(62.23)
100	FBH12718-D100SXXXXK6XXX(A)	2.450(62.23)	2.618(66.50)	2.524(64.10)	2.400(60.96)	2.500(63.50)

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		X.XXX±.004(0.10)	.XXX'±0.5°	VERNON	12/AUG/16				