

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Structure Change	26/MAY/20	KATE	CHERRY

SPECIFICATIONS

Electrical

Current Rating: 0.5A AC(rms)/DC

Voltage Rating: 50V AC(rms)/DC

Contact Resistance: 90 mΩ Max.

Insulation Resistance: 500 MΩ Min.

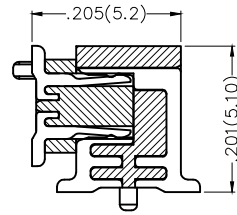
Withstanding Voltage: 150V AC r.m.s

Temperature Range—Operating: -30°C~+80°C

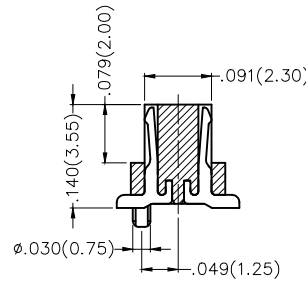
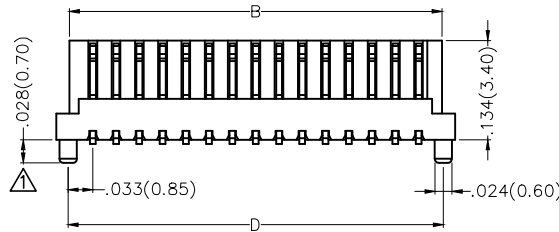
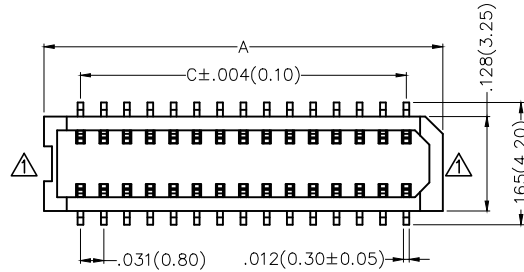
Material and Plating

Housing: PA9T (UL 94V-0)

Contacts: Phosphor Bronze/ Gold Plated



Mating Section

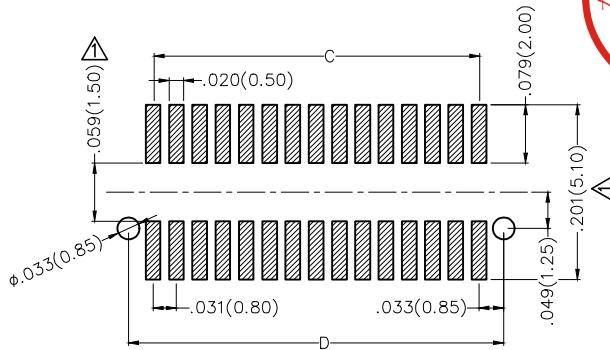


Circuits (n)	Part No.	Dimensions(in/mm)			
		A	B	C	D
14	FBB08002-M14S1XX5W5M	.287(7.30)	.252(6.40)	.189(4.80)	.256(6.50)
24	FBB08002-M24S1XX5W5M	.445(11.30)	.409(10.40)	.346(8.80)	.413(10.50)
28	FBB08002-M28S1XX5W5M	.508(12.90)	.472(12.00)	.409(10.40)	.476(12.10)
30	FBB08002-M30S1XX5W5M	.539(13.70)	.504(12.80)	.441(11.20)	.508(12.90)
40	FBB08002-M40S1XX5W5M	.697(17.70)	.661(16.80)	.598(15.20)	.665(16.90)

Ordering Information

FBB 080 02 — M XX S 1 XX 5 W5 M
1 2 3 4 5 6 7 8 9 10 11

1 Category FBB—Board to Board	2 Series Number 080—Pitch0.80mm	3 Distinction No. 02	4 Type M—Male	5 Circuits XX	6 Entry Angle S—180° Vertical
7 Plating 1—Gold Plated	8 Thickness of Plating 00—Gold Flash 02—2μ" Custom plate available	9 Material—Resin 5—PA9T	10 Color—Resin W5—Natural	11 Packaging M—Reel	



Recommended P.C.Board Layout

General Tolerances: ±0.05mm

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 22/FEB/17	PART NO. FBB08002-MXXS1XX5W5M	ITEM NO. FBB08002	 3K-KAMING®	
	X.±.012(0.30)	X'±5°	CHECKED BY	DATE	TITLE Board to Board Pitch 0.8mm 180° Vertical (SMT)			
	X.X±.008(0.20)	X'±2°	CHERRY	22/FEB/17			REV 1	SHEET NO. 1/1
	DESIGN UNITS Inch (metric)	X.XX±.006(0.15)	XX'±1°	DRAWN BY	DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO DONG GUAN LANG LUN(3K-KAMING) ELECTRONIC PRODUCTS CO.,LTD. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	XXX'±0.5°	KATE 22/FEB/17				