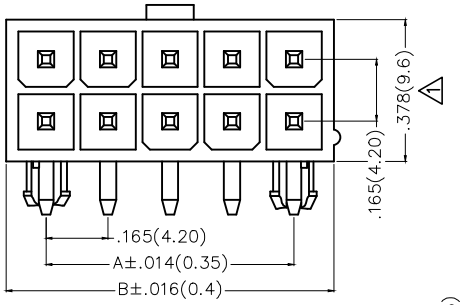
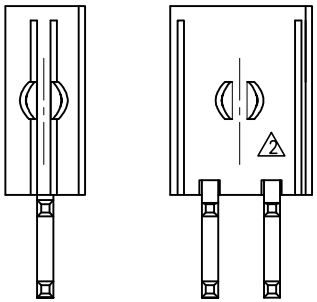
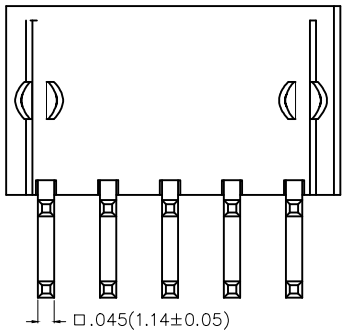
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△1	Size changes	28/MAY/21	KATE	CHERRY
2	△2	The Structure of 2x2Circuits changes	02/MAR/22	MATT	CHERRY
3	△3	Flammability Change	17/MAY/24	KATE	LEO



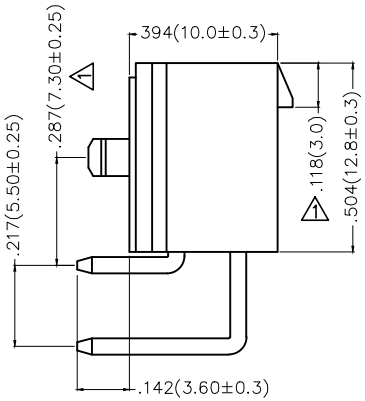


2x1Circuits

2x2Circuits



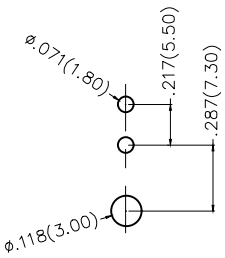
2x3–2x12Circuits



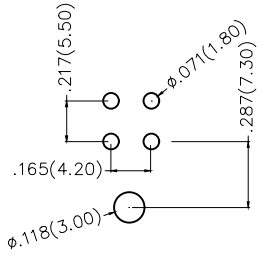
Electrical
- Current Rating: 9A AC(rms)/DC
- Voltage Rating: 250V AC(rms)/DC
- Contact Resistance: 15 mΩ Max
- Insulation Resistance: 1000 MΩ MIN
- Withstanding Voltage: 1500V AC r.m.s
- Temperature Range–Operating: –25℃~+85℃

Material and Plating
- Housing: PA66(UL 94V–2) △3
- Contact Pin: Brass
- Plating: Tin Plated

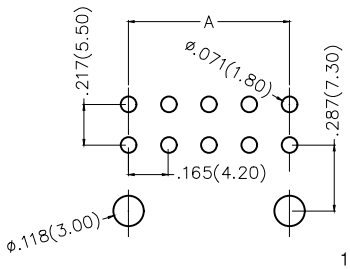
Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B
2	FWF42004–D02B22TK	——	.213(5.40)
4	FWF42004–D04B22TK	.165(4.20)	.379(9.60)
6	FWF42004–D06B22TK	.331(8.40)	.543(13.80)
8	FWF42004–D08B22TK	.496(12.60)	.709(18.00)
10	FWF42004–D10B22TK	.661(16.80)	.874(22.20)
12	FWF42004–D12B22TK	.827(21.00)	1.039(26.40)
14	FWF42004–D14B22TK	.992(25.20)	1.205(30.60)
16	FWF42004–D16B22TK	1.157(29.40)	1.370(34.80)
18	FWF42004–D18B22TK	1.323(33.60)	1.535(39.00)
20	FWF42004–D20B22TK	1.488(37.80)	1.700(43.20)
22	FWF42004–D22B22TK	1.654(42.00)	1.866(47.40)
24	FWF42004–D24B22TK	1.819(46.20)	2.031(51.60)



2x1Circuits



2x2Circuits



2x3–2x12Circuits

Recommended P.C.Board Layout

Ordering Information

FWF	420	04	—	D	XX	B	2	2	T	K
1	2	3		4	5	6	7	8	9	10

1	Category	2	Series Number	3	Distinction No.	4	Row Option	5	Circuits	6	Entry Angle
	FWF–Wafer		420–Pitch4.2mm		04		D–Double Row		XX		B–90° Angle

7	Plating	8	Material–Resin	9	Color–Resin	10	Packaging
	2–Tin Plated		2–PA66		T–Transparent		K–Tray

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	TXGA Leader Of Industry
	X.±.012(0.30)	X.°±5°	FRANK	28/JUN/13	FWF42004–DXXB22TK	FWF42004	
DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X°±2°	CHECKED BY JACOB	DATE 28/JUN/13	TITLE Wire to Board (Wafer) Pitch 4.2mm 90° Angle (DIP)		REV 3 / SHEET NO. 1/1
SCALE 5:1 / SIZE A4	X.XX±.006(0.15)	.XX°±1°	DRAWN BY CHERRY	DATE 28/JUN/13			
	X.XXX±.004(0.10)	.XXX°±0.5°					