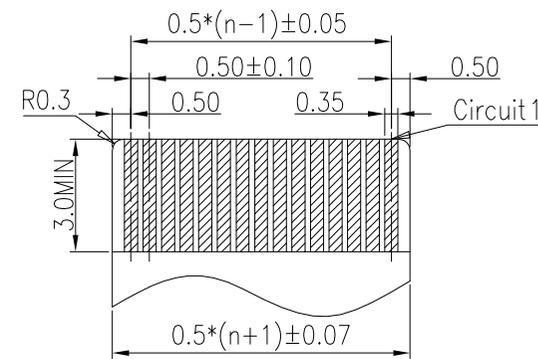
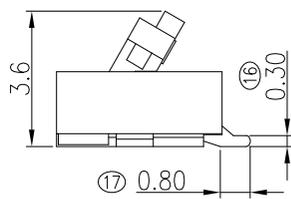
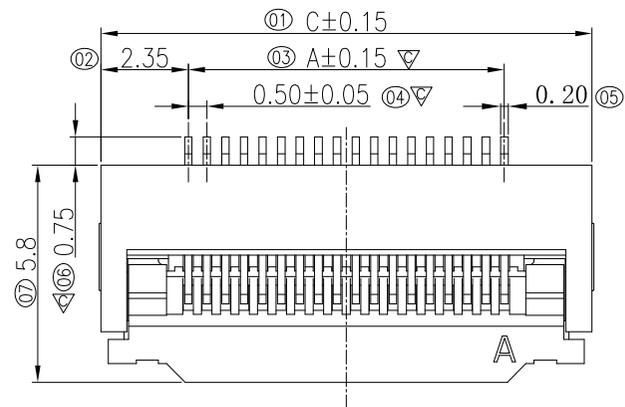


# GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2014/12/11	Phebe Su
A1			Change the imprint on the housing	2019/04/17	Phebe Su
A2			Change Remark	2021/07/27	Hanson



备注 (Remark):

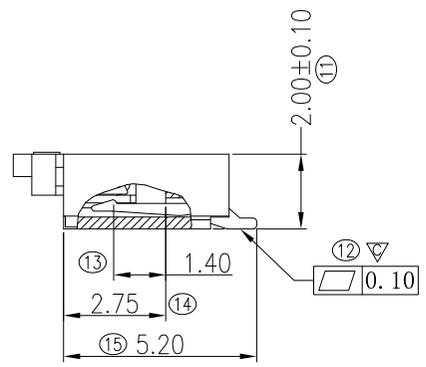
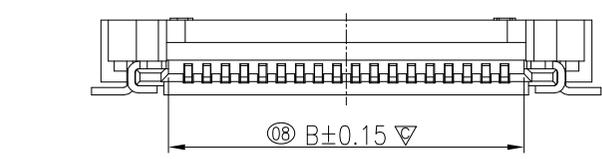
1. 材料 (MATERIAL):  
 主体: LCP UL94V-0, 颜色: 本色.  
 Housing: LCP UL94V-0, Color: Nature.  
 锁扣: LCP UL94V-0, 颜色: 黑色.  
 lock button: LCP UL94V-0, Color: Black.  
 端子: C5191R-EH, 镀底50u"Min, 镀雾锡100u"Min.  
 Contact: C5191R-EH, 100u" MIN. TIN (MATTE) PLATING OVER ALL 50u" MIN. NICKEL UNDERPLATING OVER ALL  
 焊片: C5191R-EH, 镀底50u"Min, 镀雾锡100u"Min.  
 Peg: C5191R-EH, 100u" MIN. TIN (MATTE) PLATING OVER ALL 50u" MIN. NICKEL UNDERPLATING OVER ALL

2. 特性 (characteristics):  
 额定电流: 0.5 AMP  
 Rating Current: 0.5 AMP.  
 额定电压: 50V AC, DC RMS.  
 Rating Voltage: 50V AC, DC RMS  
 接触阻抗: 20mΩ Max.  
 Contact Resistance: 20 mΩ MAX.  
 绝缘阻抗: 500MΩ Min.  
 Insulation Resistance: 500 MΩ MIN  
 耐电压: 200V AC/minute.  
 Withstanding Voltage: 200V AC/minute.  
 温度范围: -40℃~+105℃.  
 Temperature Range: -40℃~+105℃.

3. 标记 "Ⓜ" 为FAI尺寸,  
 标记 "▽" 为重点管控尺寸和首件检测尺寸.  
 Marked "Ⓜ" should be FAI DIM,  
 Marked "▽" should be major Control and first inspection DIM.

APPLICABLE FPC  
 RECOMMENDED DIM.  
 (THICKNESS: 0.3±0.03)

CKT.	A	B	C
30	14.50	15.56	19.20



MATRIX PART NO:

M F C - 05 - 30 C 46 RS

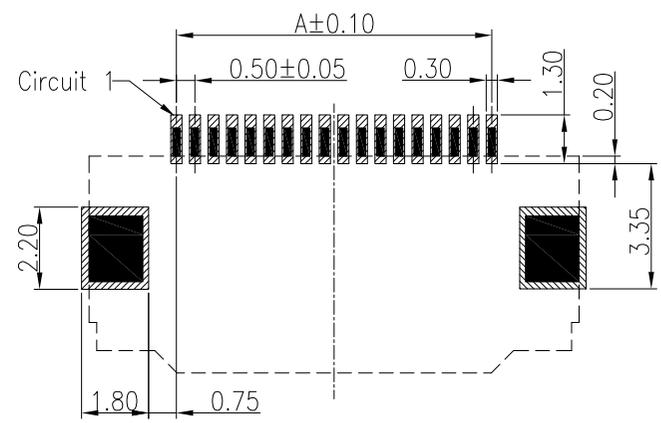
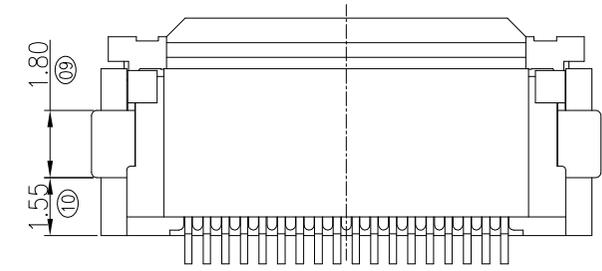
Matrix FPC  
 pitch  
 25: 2.54mm  
 12: 1.25mm  
 10: 1.0mm  
 05: 0.5mm  
 03: 0.3mm

Pin number

RS: ROHS  
 HF: Halogen Free

Series Number

T: 雙觸式  
 C: 掀蓋式  
 P: 壓桿式



RECOMMENDED PC BOARD  
 PCB TOLERANCE: ±0.05

**Matrix Electronics Co., Ltd**

TOLERANCE: X:X ±0.20 X:XX ±0.15 X:XXX ±0.05 ANGLE: ±3°	DESIGN BY : Hanson Huang	DATE : 2021/07/27	PART NAME: P=0.5mm H=2.0 FPC CONNECTOR Clamshell
	CHECKED BY: Vicky Hsieh	DATE : 2021/07/27	PART NO. MFC-05-30C46RS
	APPROVED BY1: Richard Hsieh	DATE : 2021/07/27	MOLD NO. NA
UNIT: mm [inch] SCALE: 1:1 SIZE: A4	APPROVED BY2: Richard Hsieh	DATE : 2021/07/27	DRAW NO. SHEET NO. 1 OF 1