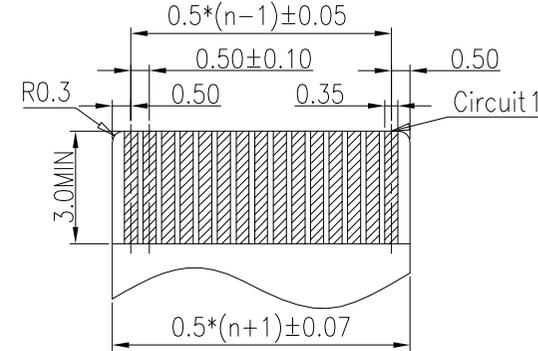
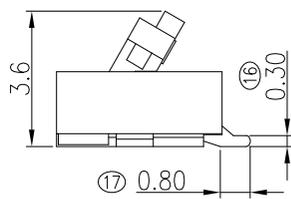
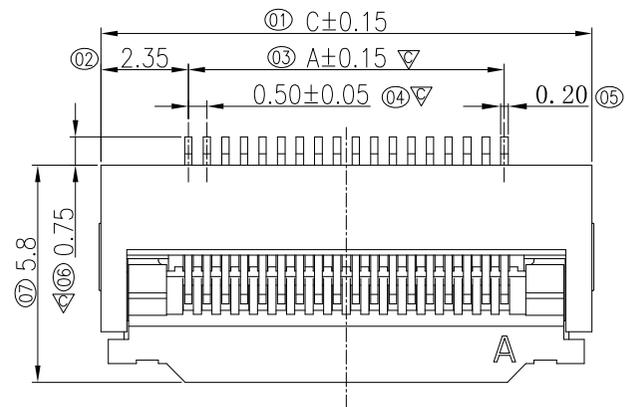


GP Component

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):

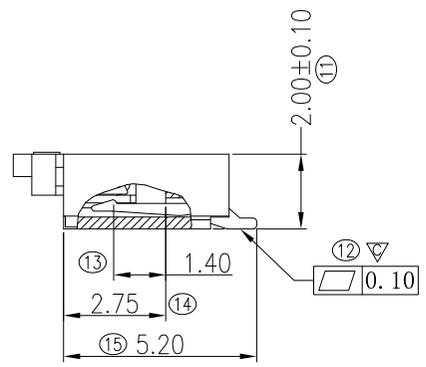
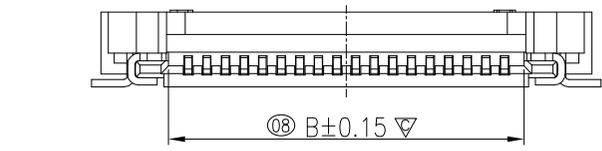
1. 材料 (MATERIAL):
 主体: LCP UL94V-0, 颜色: 本色.
 Housing: LCP UL94V-0, Color: Nature.
 锁扣: LCP UL94V-0, 颜色: 黑色.
 lock button: LCP UL94V-0, Color: Black.
 端子: C5191R-EH, 镀底50u"Min, 镀雾锡100u"Min.
 Contact: C5191R-EH, 100u" MIN. TIN (MATTE) PLATING OVER ALL 50u" MIN. NICKEL UNDERPLATING OVER ALL
 焊片: C5191R-EH, 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
13	6.00	7.06	10.70



MATRIX PART NO:
 M F C - 05 - 13 C 46 RS

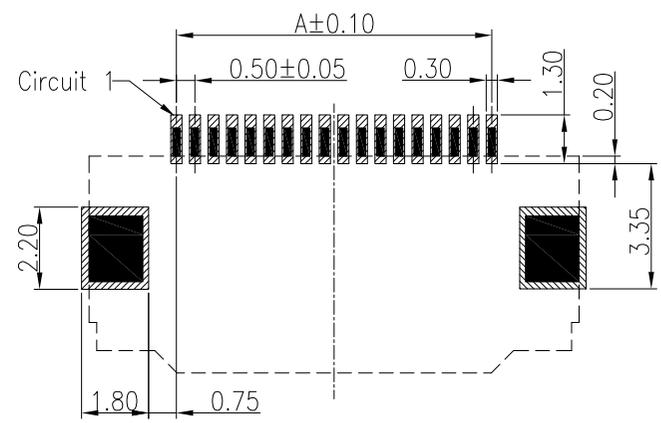
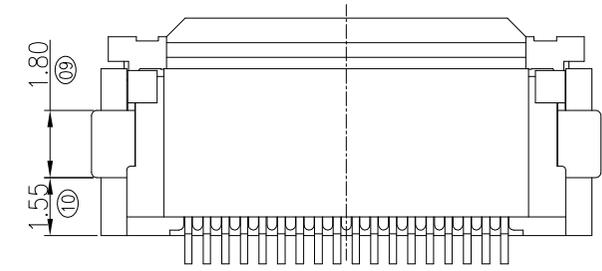
Matrix FPC
 pitch
 25: 2.54mm
 12: 1.25mm
 10: 1.0mm
 05: 0.5mm
 03: 0.3mm

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-05-13C46RS
	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