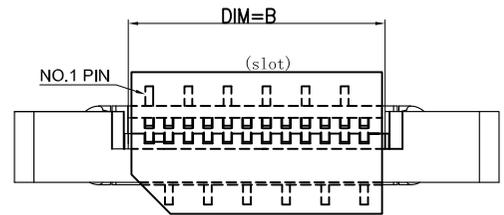
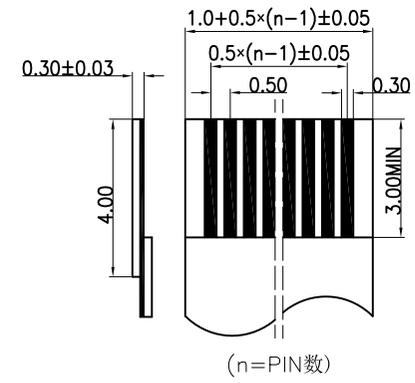
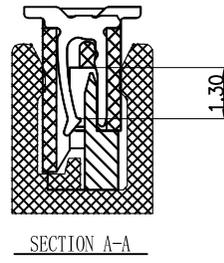
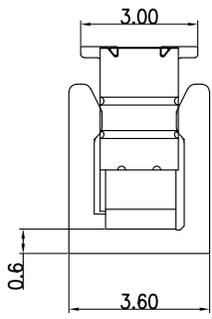
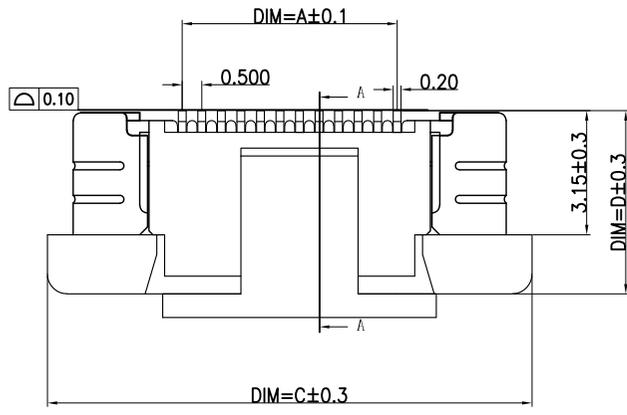


GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2024/03/26	Ken Lin

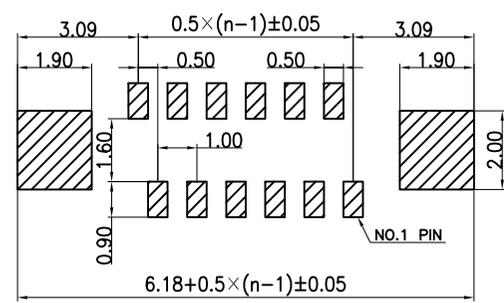


Electrical:
 Voltage:50 V AC(rms)/DC
 Current:0.5 A AC(rms)/DC
 Contact Resistance:40 mΩ Max(initial)
 Dielectric Withstanding Voltage:200 V AC/rms
 Insulation Resistance:500MΩ min
 Operating Temp:-40°C~+105°C

PIN数	A	B	C	D
24	11.50	12.57	18.40	4.65

Material:
 Housing:LCP E473i, UL 94V-0, Color:Nature.
 Lock button:LCP E130i, UL 94V-0, Color:Black.
 Contact:C5191R-EH,
 100u" min Tin(Matte) Plating over all.
 50u" min Nickel underplating over all.
 PEG:C5191 T=0.2mm

MATRIX PART NO:
M F C - 0 5 - 2 4 P 139 R S
 Matrix FPC ————— RS : ROHS
 pitch ————— HF : Halogen Free
 25:2.54mm ————— Series Number
 12:1.25mm ————— Pin number
 10:1.0mm ————— T:雙觸式
 05:0.5mm ————— C:掀蓋式
 03:0.3mm ————— P:壓桿式



RECOMMENDED P.C.B LAYOUT (COMPONENT SIDE)
 (TOLERANCE=±0.05mm) WITHOUT LOCKING FUNCTION
 (n=PIN数)

Matrix Electronics Co., Ltd

TOLERANCE: X: X ±0.40 X.X ±0.30 X.XX ±0.20 X.XXX ±0.10 ANGLE: ±3°	DESIGN BY : Ken Lin	DATE : 2024/03/26	PART NAME: FPC 0.5PITCH 立贴全包反位 CONNECTORS
 UNIT: mm [inch] SCALE:1:1 SIZE:A4	CHECKED BY: Hanson Huang	DATE : 2024/03/26	PART NO. MFC-05-24P139RS
	APPROVED BY1: Richard Hsieh	DATE : 2024/03/26	MOLD NO. NA
	APPROVED BY2: Richard Hsieh	DATE : 2024/03/26	DRAW NO. SHEET NO. 1 OF 1