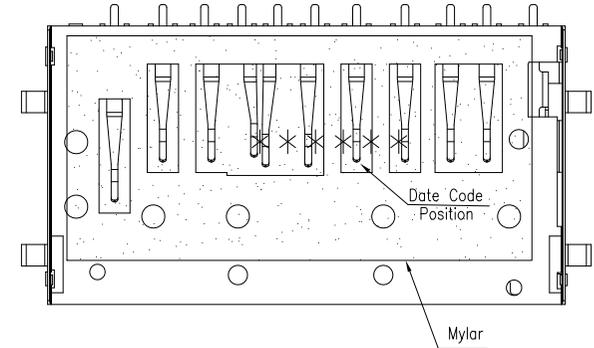
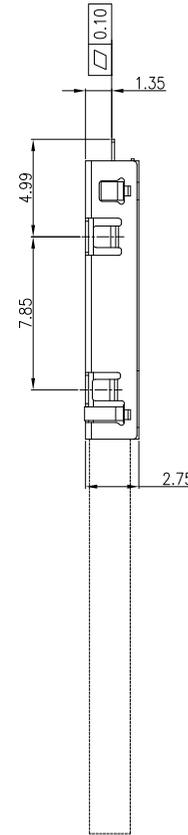
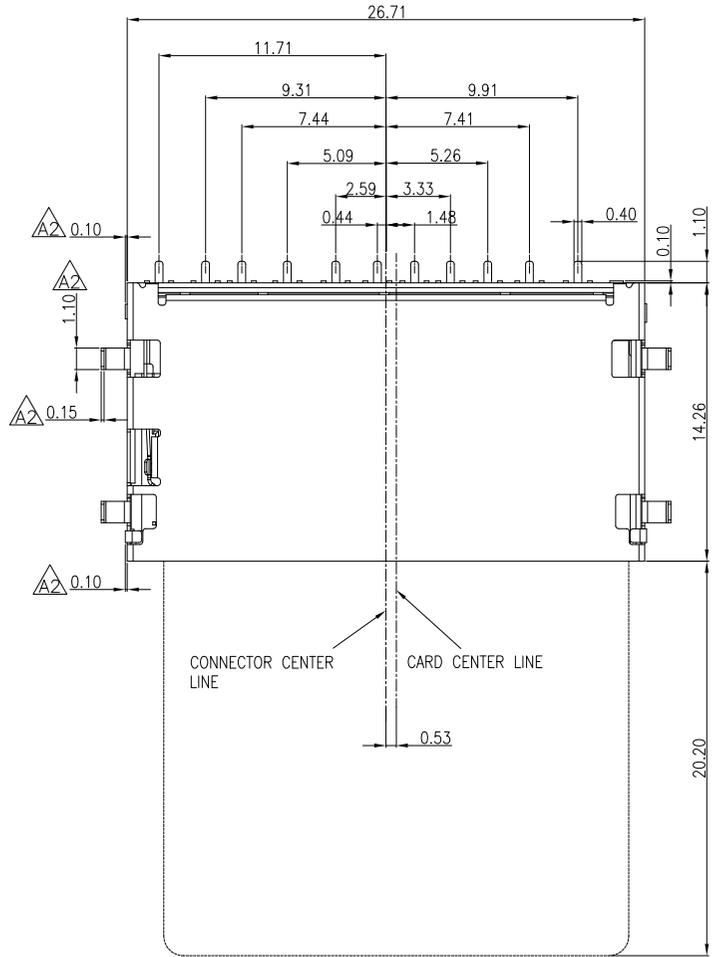


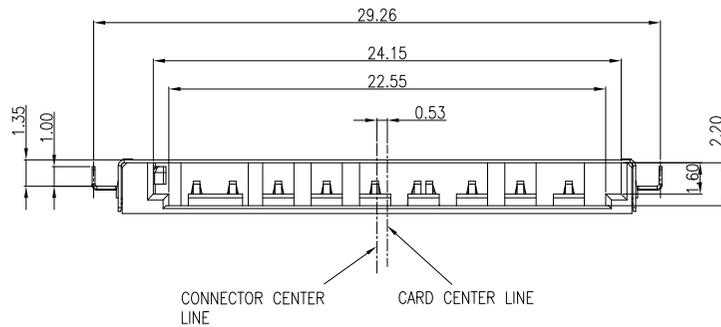
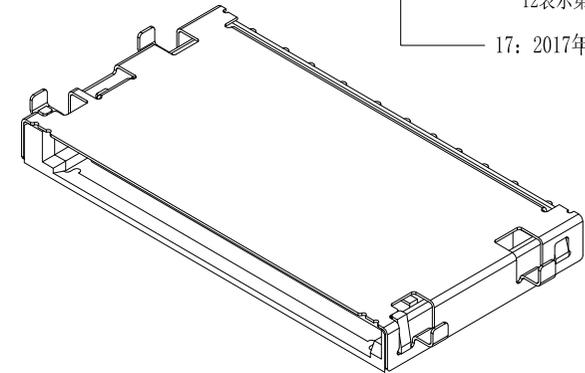
GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2018/09/06	Phebe Su
A1			Change	2018/10/15	Phebe Su
A2			Add DIM and according to customer requirements to change Layout	2018/12/21	Phebe Su



喷码说明: *****

- 星期:01表示星期一
-
- 07表示星期天
- 周:01表示第一周
-
- 12表示第十二周
-
- 17: 2017年

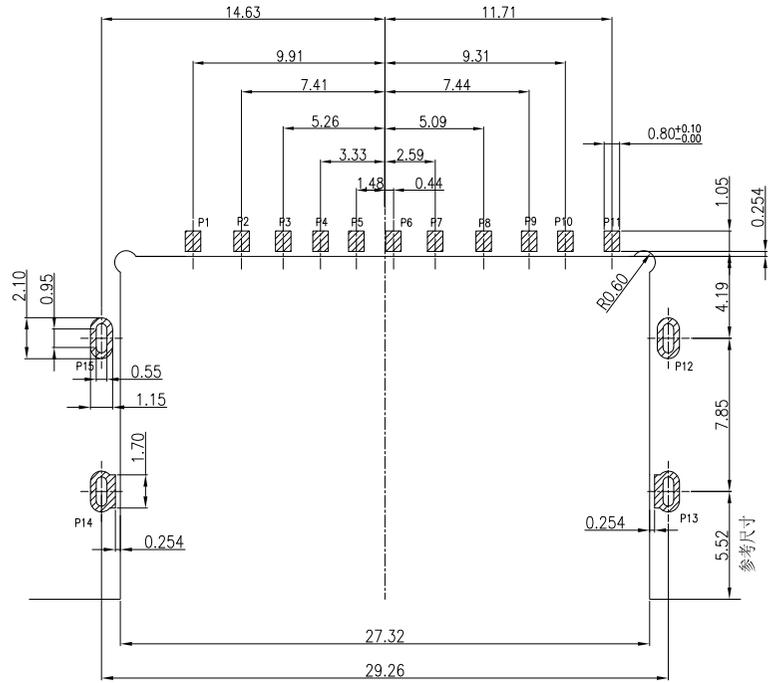


Matrix Electronics Co.,Ltd

TOLERANCE: X:X ±0.30 X:XX ±0.20 X:XXX ±0.10 ANGLE: ±3°	DESIGN BY : Phebe Su	DATE : 2018/12/21	PART NAME: SD Shen 1.35MM	
	CHECKED BY: Gorden Peng	DATE : 2018/12/21	PART NO.	MSD-02-01-29-RS
  UNIT: mm [inch]	APPROVED BY1: Richard Hsieh	DATE : 2018/12/21	MOLD NO.	NA
	APPROVED BY2: Richard Hsieh	DATE : 2018/12/21	DRAW NO.	SHEET NO.
SCALE:1:1	SIZE:A4		1 OF 2	

GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2018/09/06	Phebe Su
A1			Change	2018/10/15	Phebe Su
A2			Add DIM and according to customer requirements to change Layout	2018/12/21	Phebe Su



RECOMMEND P.C.B LAYOUT
TOLERANCE ± 0.05

PAD

No trace, no test point,
no via hole, no ground area

WITHOUT CARD		CARD INSERTED:LOCK		CARD INSERTED:UNLOCK	
W/P	GND	W/P	GND	W/P	GND
C/D	VSS1	C/D	VSS1	C/D	VSS1
	P3		P3		P3

Pin Define

Connector Pin No.	SD Card Pin No.	Pin Define
P1	P9	DAT2
P2	P1	DAT3
P3	P2	CMD
P4		CD
P5	P3	VSS1
P6	P4	VDD
P7	P5	CLK
P8	P6	VSS2
P9	P7	DAT0
P10	P8	DAT1
P11		W/P
P12~P15		GND

Specification

*Electrical Characteristics:

Contact Current Rating:0.5 Amperes.
Dielectric Withstanding Voltage:AC500V r.m.s.
Insulation Resistance:1000 MΩ Minimum.
Contact Resistance:100 mΩ Maximum.

*Environmental:

Operating Temperature:-25°C~+85°C.

*Mechanical Characteristics:

Mating Cycles:10,000 Cycles Insertion/Extraction
Card Push Insertion/Out Force:1kgf Maximum.
Contact Retention Force:0.15kgf Minimum.

*Material:

Insulator:HI-Temp Plastic UL 94V-0 Rated.
Contact:Copper Alloy.
Shell:Stainless Steel.

MATRIX PART NO:

MSD - 02 - 01 - 29 - RS

Matrix SD ———— | ———— | ———— | ———— | ———— |

01: Push ———— | ———— | ———— | ———— | ———— |

02: Non-Push ———— | ———— | ———— | ———— | ———— |

Plating ———— | ———— | ———— | ———— | ———— |

01:1u" ———— | ———— | ———— | ———— | ———— |

30:30u" ———— | ———— | ———— | ———— | ———— |

RS: ROHS ———— | ———— | ———— | ———— | ———— |

HF: Halogen Free ———— | ———— | ———— | ———— | ———— |

Series Number ———— | ———— | ———— | ———— | ———— |



Matrix Electronics Co.,Ltd

TOLERANCE: X.X ±0.30 X.XX ±0.20 X.XXX ±0.10 ANGLE: ±3°	DESIGN BY : Phebe Su	DATE : 2018/12/21	PART NAME: SD Shen 1.35MM
	CHECKED BY: Gorden Peng	DATE : 2018/12/21	PART NO. MSD-02-01-29-RS
	APPROVED BY1: Richard Hsieh	DATE : 2018/12/21	MOLD NO. NA
UNIT: mm [inch]	APPROVED BY2: Richard Hsieh	DATE : 2018/12/21	DRAW NO.
SCALE:1:1 SIZE:A4			SHEET NO. 2 OF 2