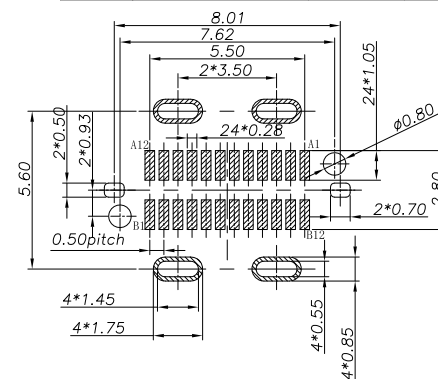
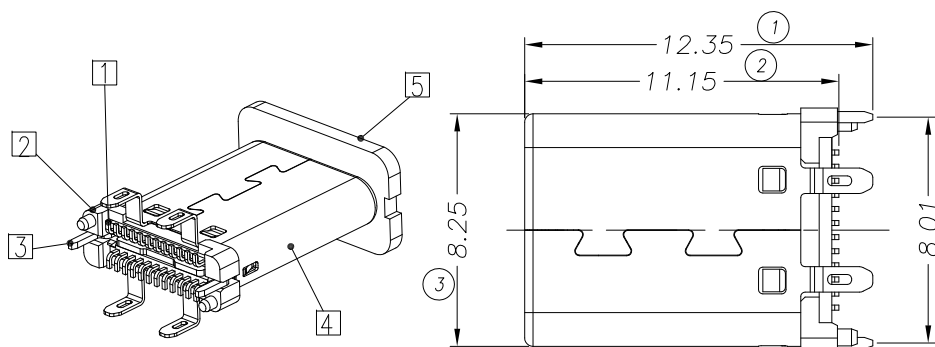


GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2016/10/24	Phebe Su
A1			Change	2017/11/07	Phebe Su

PCB LAYOUT ± 0.05

NOTES:

1.MATERIAL: SEE "TABLE 1"

2.FINISH: SEE "TABLE 1"

3.MECHANICAL:

INSERTION: 5~20N.

EXTRACTION: 8~20N AFTER TEST.

DURABILITY: 10000 CYCLES

4.ELECTRICAL:

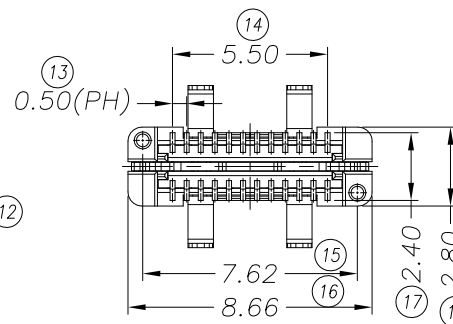
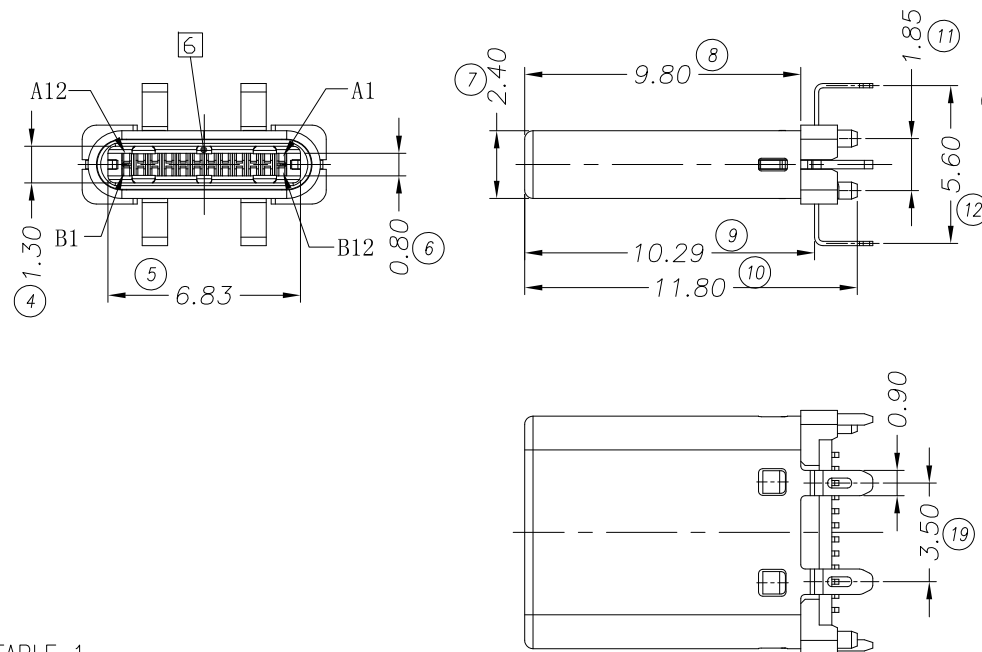
CURRENT: 3.0A MAX

WITHSTANDING VOLTAGE: 100V AC

CONTACT RESISTANCE: 40 MILLIONHM MAX

INSULATION RESISTANCE: 100 MEGOHMS MIN.

5.ENVIRONMENTAL

TEMPERATURE RANGE $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$ 

MATRIX PART NO:

MATRIX USB MUSB 12 - 01 - 179 Series number

Pin Number

Plating
01:Gold Flash
15:15u"
30:30u"

A1	GND	B12	GND
A2	SSTXP1	B11	SSRXP1
A3	SSTXN1	B10	SSRXN1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXN2	B3	SSTXN2
A11	SSRXP2	B2	SSTXP2
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

TABLE 1

6	SPRING	6PCS	STAINLESS STEEL	NI Plated
5	CAP	1PCS	HIGH TEMPERATURE PLASTIC	BLACK
4	SHELL	1PCS	STAINLESS STEEL	NI Plated
3	LATCH	2PCS	STAINLESS STEEL	TIN/NI Plated
2	HOUSING	1PCS	HIGH TEMPERATURE PLASTIC	BLACK
1	TERMINAL	24PCS	COPPER ALLOY	Au/Ni
NO.	DESCRIPTION	Q' YT	MATERIAL	REMARKS



Matrix Electronics Co.,Ltd

TOLERANCE: X:X X:XX X:XXX ANGLE: $\pm 3^{\circ}$	DESIGN BY : Phebe Su CHECKED BY: Vicky Hsieh APPROVED BY1: Richard Hsieh APPROVED BY2: Richard Hsieh	DATE : 2017/11/07 DATE : 2017/11/07 DATE : 2017/11/07 DATE : 2017/11/07	PART NAME: USB 3.1 Type C Gen 2 Male Vertical Type, H=11.80 PART NO. MUSB12-01-179 MOLD NO. NA DRAW NO. SHEET NO. 1 OF 1
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