

GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2017/07/28	Phebe Su
A1			Change	2018/04/20	Phebe Su

NOTES:

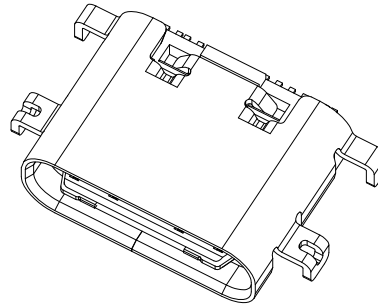
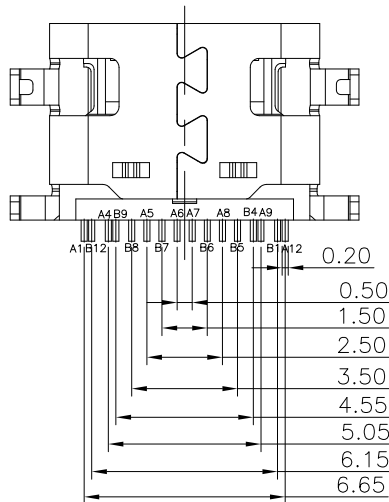
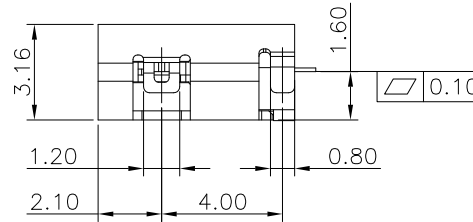
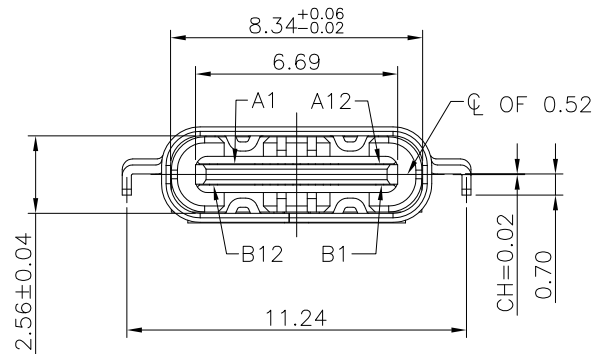
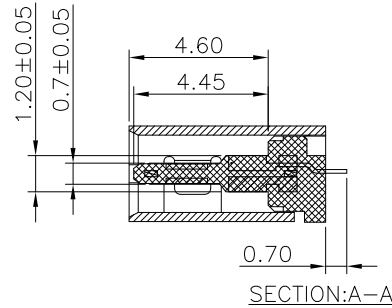
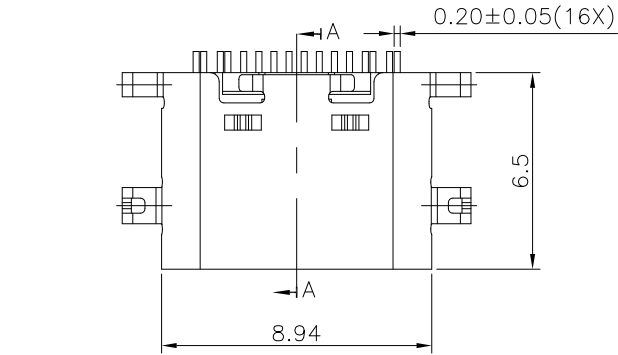
- 1.MATERIAL: SEE TABLE
- 2.MECHANICAL:
INSERTION: 5~20N.
EXTRACTION: 8~20N AFTER TEST.
DURABILITY: 10000 CYCLES
- 3.ELECTRICAL:
CURRENT RATING: 3.0A MAX
WITHSTANDING VOLTAGE: 100V AC R.M.S.
CONTACT RESISTANCE: 40mΩ MAX.
INSULATION RESISTANCE: 100MΩ MIN.
- 4.ENVIRONMENTAL
TEMPERATURE RANGE -40°C ~ +85°C

MATRIX PART NO:

MUSB12-01-250

MATRIX USB Pin Number Series number

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



A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B7	DN2
A6	DP1	B6	DP2
A7	DN1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

TABLE

6	SHELL	STAINLESS STEEL	NI Plated
5	SHIELDING PLATE	STAINLESS STEEL	---
4	MD	HIGH TEMPERATURE PLASTIC	BLACK
3	CONTACT	COPPER ALLOY	GOLD FLASH/NI Plated
2	CONTACT	COPPER ALLOY	GOLD FLASH/NI Plated
1	HOUSING	HIGH TEMPERATURE PLASTIC	BLACK
NO.	DESCRIPTION	MATERIAL	REMARKS



Matrix Electronics Co.,Ltd

TOLERANCE: X:X ±0.25 X:XX ±0.20 X:XXX ±0.10 ANGLE: ±3°	DESIGN BY : Phebe Su	DATE : 2018/04/20	PART NAME: USB 2.0 Type C Female R/A, Offset type, CL 0.02
APPROVED BY1: Richard Hsieh	CHECKED BY: Vicky Hsieh	DATE : 2018/04/20	PART NO. MUSB12-01-250
UNIT: mm [inch]	APPROVED BY2: Richard Hsieh	DATE : 2018/04/20	MOLD NO. NA
SCALE:1:1	SIZE:A4	SHEET NO. 1 OF 1	DRAW NO.