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NOTES:

SPECIFICATION:

1. CURRENT RATING: 3.0A MAX
2. DIELECTRIC WITHSTAND VOLTAGE: 100VAC
3. TEMPERATURE RANGE: -30 °C ~ 85 °C
4. CONTACT RESISTANCE: 40 MILLIONHM MAX
5. INSULATION RESISTANCE: 100 MEGOHMS MIN.
6. INSERTION FORCE : 5N~20N
7. UNMATING FORCE: 8N~20N
8. DURABILITY:10,000 CYCLES



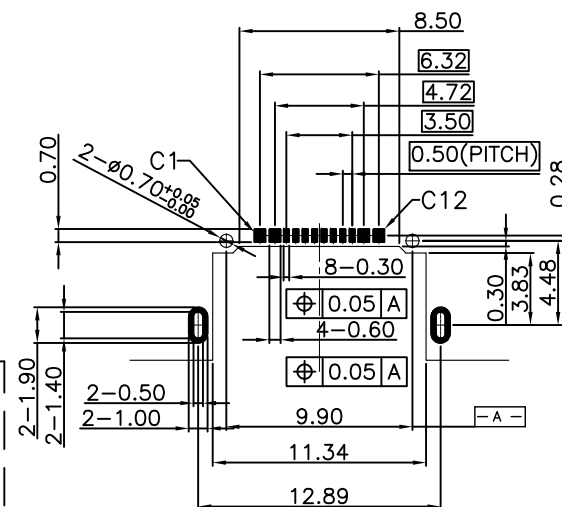
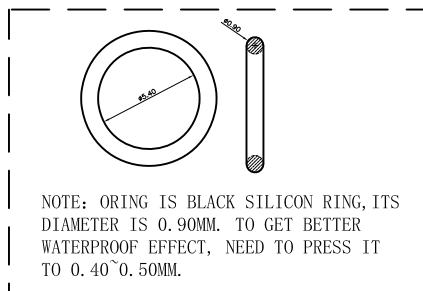
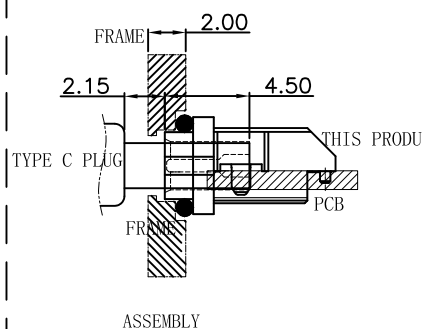
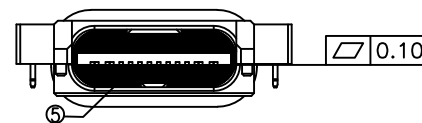
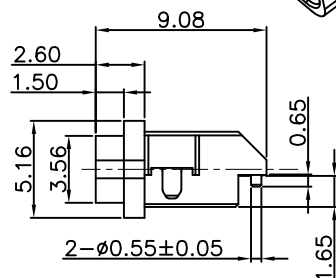
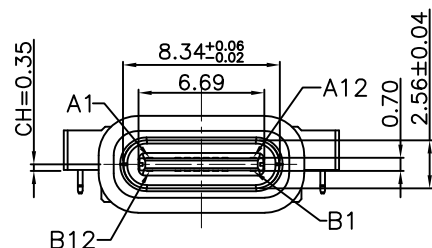
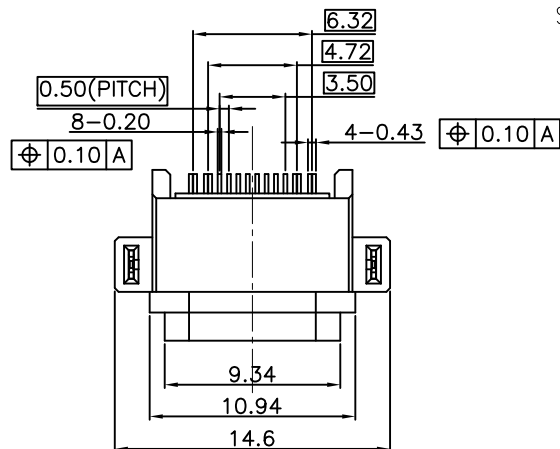
REV	EC No.	DESCRIPTION	Symbol	DATE
A	/	new release	/	Mar. 12, 2018

INTERFACE (FRONT VIEW)

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND			VBUS	CC1	DP1	DN1	SBU1	VBUS			GND
GND			VBUS	SBU2	DN2	DP2	CC2	VBUS			GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

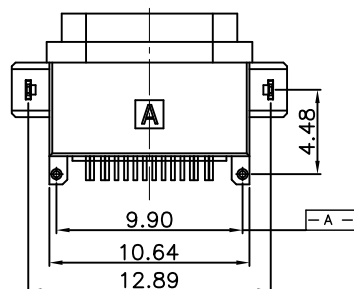
PIN ASSIGNMENT

PIN NO.	A1&B12	A4&B9	B8	A5	B7	A6	A7	B6	A8	B5	A9&B4	A12&B1
SIGNAL NAME	GND	VBUS	SBU2	CC1	DN2	DP1	DN1	DP2	SBU1	CC2	VBUS	GND
PCB PAD NO.	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12



SOLDER PAD

RECOMMENDED PCB LAYOUT(TOP VIEW)

THICKNESS T=1.0mm
TOLERANCE:±0.05

ITEM	PART NAME	Q' TY	FINISH	NOTE
5	Epoxy		BLACK	
4	Contact 3	2	SUS304 1/2H	Ni Plating T=0.25mm
3	Housing 2	1	PA10T (G.F30%)	BLACK
2	Contact 1&2	16	Phosphor bronze C5191R-EH	Au3u Plating T=0.15mm
1	Housing 1	1	PA10T (G.F30%)	BLACK

For more information, please feel free to contact Neal. His email is :connmold@foxmail.com Tel:18922965797

WWW.connmold.COM

DIMENSION UNITS

MM

TOLERANCE

X±0.50 .XX±0.25
.X±0.35 .XXX±0.15

DRWN:Robert

Mar. 12, 2018

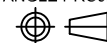
CHK'D:Yuri

Mar. 12, 2018

APPR:Lee

Mar. 12, 2018

THIRD ANGLE PROJECTION



CUSTOMER P/N

/

CUSTOMER

GENERAL MARKET

SHEET NUMBER

1 OF 2

ConnMold

PART NAME USB TYPE C 16PIN MID-MOUNT
1.65MM WATERPROOF IP67

PART NUMBER

CMWUC661004

REVISION

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