



RECOMMENDED P.C.B. LAYOUT  
TOLERANCE UNSPECIFIED ±0.05mm

H	PART NO.
1.30	TYPE-C-31-M-18
1.70	TYPE-C-31-M-18A

NOTES:

SPECIFICATION:

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

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

NO.	DESCRIPTION	MATERIAL	REMARKS	QTY
5	COVER	STAINLESS STEEL	Ni Plated	—
4	TYPE C MD	HIGH TEMPERATURE PLASTIC	BLACK	—
3	CENTER PIECE	STAINLESS STEEL	NO Plated	—
2	TYPE C TERMINAL	COPPER ALLOY	Gold Plated	—
1	SHELL	STAINLESS STEEL	Ni Plated	—

APPROVALS		DATE														
DRAWN	D.J.LV	2018/1/12				TITLE:	USB CONNECTOR									
CHECKED			PART NO.													
APPROVALS			TOLERANCES ARE	<table border="1"> <tr> <td>30~以上</td> <td>±0.30</td> <td rowspan="4">ANGLE</td> <td rowspan="4">UNIT: mm</td> <td rowspan="4">SCALE: 1:1</td> <td rowspan="4">PROJ: </td> </tr> <tr> <td>10~30</td> <td>±0.20</td> </tr> <tr> <td>5~10</td> <td>±0.15</td> </tr> <tr> <td>~ 5</td> <td>±0.10</td> </tr> </table>	30~以上	±0.30	ANGLE	UNIT: mm	SCALE: 1:1	PROJ:	10~30	±0.20	5~10	±0.15	~ 5	±0.10
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DRAWING NO.			DRAWING NO.		SHEET 1 OF 1											

ECN NO.	REV.	DATE.	DESCRIPTION.	CHANGE.	CHECK.	APPRO.
	A		NEW			