



Recommended P.C.B Layout

Tolerance: ±0.05

1. CURRENT RATING:
a:TYPE-C: 8.0A MAX
b:USB2.0: 5.0A MAX
2. Withstanding Voltage: 100V AC
3. TEMPERATURE RANGE: -30 °C ~ 85 °C
4. CONTACT RESISTANCE: 40 MILLIONHM MAX
5. INSULATION RESISTANCE: 100 MEGOHMS
6. INSERTION FORCE : 5N~20N
7. UNMATING FORCE: 8N~20N (1~1000次)
6N~20N (10000次之后)
8. DURABILITY: 10,000 CYCLES

NO.	DESCRIPTION	MATERIAL	COLOR	REMARK
7	TYPE C MD	HIGH TEMP	BLACK	UL 94V-0
6	CENTER PIECE	STAINLESS STEEL	—	NO Plated
5	TYPE C TERMINAL	COPPER ALLOY	—	Gold Plated
4	CLIP	SEE NOTE	—	Ni Plated
3	USB TERMINAL	COPPER ALLOY	—	Gold Plated
2	SHELL	SEE NOTE	—	Ni Plated
1	HOUSING	HIGH TEMP	BLACK	UL 94V-0

APPROVALS		DATE	HRO 睿 ELECTRONICS CO.,LTD			
DRAWN	JKN.LU	2017.11.27	TITLE:	USB CONNECTOR		
CHECKED			PART NO.	TYPE-C-31-M-10-1.7		
APPROVALS			UNIT: mm	SCALE: 1:1	PROJ:	
TOLERANCES ARE	30~以上 10~30 5~10 ~ 5	±0.30 ±0.25 ±0.20 ±0.15	ANGLE	±2'	DRAWING NO.	SHEET 1 OF 1

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