



SPECIFICATIONS:

- 1. ELECTRICAL CHARACTERISTICS:**
- 1-1. CURRENT RATING: 1.8A for VBUS AND GND, AND 0.25A FOR ALL OTHER CONTACTS
 - 1-2. CONTACT RESISTANCE: 30mΩ MAX.
 - 1-3. INSULATION RESISTANCE: 100MΩ MIN.
 - 1-4. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR 1 MINUTE.
- 2. MECHANICAL CHARACTERISTICS:**
- 2-1. INSERTION FORCE: 35N MAX.
 - 2-2. WITHDRAWAL FORCE: 9.8N MIN. After durability:8N Min
 - 3. LIFE TEST: 5,000 CYCLES.
 - 4. TEMPERATURE RANGE: -50°C TO +80°C.
 - 5. TO CONFORM TO THE SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
 - 6. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
 - 7. PACKAGE: SEE "2UB1763-000311F" PACKAGE.
 - 8. FOR REFLOW SOLDERING LEAD-FREE PROCESS.
 - 9. OTHER GENERAL SPEC. TO REFER "2UB1763-000311F SPEC".

	PIN NO.:		SIGNAL NAME
D1	C1	B1	A1 VBUS
D2	C2	B2	A2 D-
D3	C3	B3	A3 D+
D4	C4	B4	A4 GND
D5	C5	B5	A5 SDA_SSRX-
D6	C6	B6	A6 SDA_SSRX+
D7	C7	B7	A7 GND_DRAIN
D8	C8	B8	A8 SDA_SSTX-
D9	C9	B9	A9 SDA_SSTX+

I	BACK COVER 2	1	LCP UL 94V-0	BLACK
H	BACK COVER 1	1	LCP UL 94V-0	BLACK
G	HOUSING-B	1	PA9T UL 94V-0	BLACK
F	HOUSING-A	1	PA9T UL 94V-0	BLACK
E	USB3 CONTACT	20	C2680	30±50μm PLATING ON CONTACT AREA, MATTE Sn 80%MIN. ON SOLDERING AREA, 50μm MIN. NICKEL UNDER PLATING OVERALL
D	USB2 CONTACT	16	C5191	
C	FINGER	3	SUS201	CLEAN
B	REAR SHELL	1	SUS201	CLEAN
A	FRONT SHELL	1	SUS201	40μm MIN PLATING ONLY AT KINKS AND PLATING AT THE OTHER AREA
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

UNLESS OTHERWISE SPECIFIED TOLERANCES



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DECIMALS: ANGLES:

X :±0.5 X :±2°

X.X :±0.3 X.X :±1°

X.XX :±0.2

TITLE FOUR LAYERS OF USB3,+3.0 36PIN DIP TYPE

DWN 1/2 W/ PART NO. 2UB1763-000311F

CHKD 1mm SCALE N/A UNIT: mm

APVD 1mm SIZE: A3 SHEET:1 OF 1 REV:A

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