

NOTE:

- MECHANICAL PERFORMANCE,
 - INSERTION FORCE: 0.5~2.0kgf.
 - REMOVAL FORCE: 0.8kgf~2.0kgf.
 - DURABILITY: 10000 CYCLES.
- ELECTRICAL PERFORMANCE,
 - VOLTAGE RATING: 5 V DC/AC (RMS. max)

CURRENT RATING: 3 AMPS. FOR TOTAL VBUS/GND PINS;
1.25AMPS FOR CC PIN, 0.25 AMPS. FOR ALL OTHER CONTACT.

VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD: 50mΩ/MAX.

LLCR MAX. CHANGE OF ALL PINS: 10mΩ.

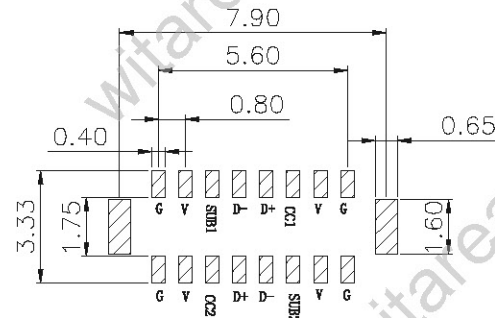
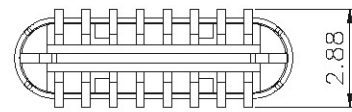
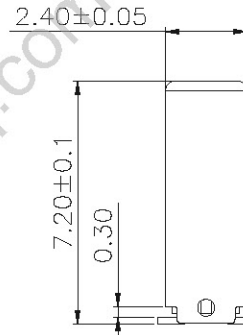
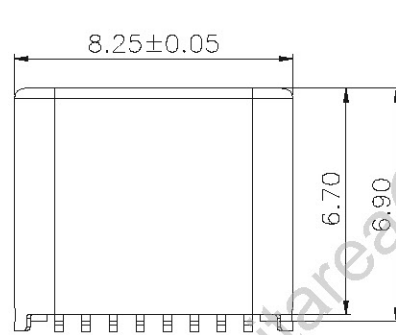
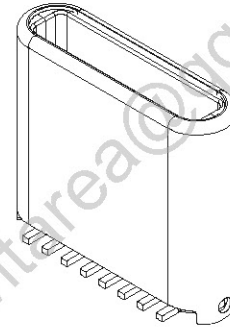
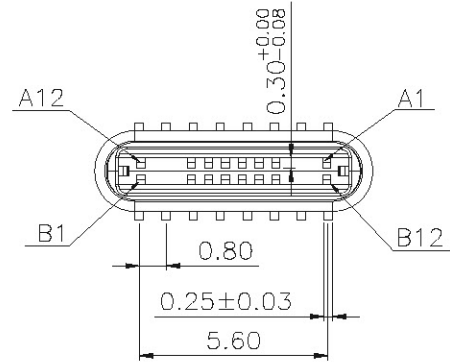
- INSULATION RESISTANCE: 100MΩ MIN
- DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.

ENVIRONMENTAL PERFORMANCE:

OPERATING TEMPERATURE: -25°C~+85°C.

IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

SALT SPRAY: 24H



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

TYPE:

4	SHELL	SUS304 T=0.30mm	NICKEL 30u" MIN PLATING	1PCS
3	Latch	SUS301 T=0.15mm	Ni Plated	1PCS
2	CONTACT	C7025 T=0.12mm	16 50u" MIN. UNDER PLATED OVER ALL Au 1u" PLATED ON THE FUNCTIONAL AREA OF CONTACT. PLATING TH OF THE SOLDER AREA	2SET
1	HOUSING	LCP UL94V-0	BLACK	1PCS
NO.	DESCRIPTION	MATERIAL	REMARKS	QTY

PART NO.:
SEE THE PART NUMBER CODE

GENERAL TOLERANCES (UNLESS SPECIFIED)	
X.XXXXX	± ---
X.XXX	± 0.10
X.XX	± 0.25
X.X	± 0.30
ANGULAR	± --°

深圳市纬域科技有限公司
SHENZHEN WITAREA TECHNOLOGY CO., LTD

TITLE USB2.0 TYPE C 16PIN MALE PLUG, VERTICAL-MOUNT, DUAL ROW SMT, H=7.2MM, L=7.2MM, SHORT SOLDER STAKES	
DWG. NO. W0025-16-VM1-S3	SHEET NO. 1 OF 1
DIMENSION STYLE MM ONLY	DESIGN UNITS METRIC
SCALE 1:1	

DRAWN BY ANDY YANG	DATE 2021.06.25
CHECKED BY JAMES XIAD	DATE 2021.06.25
APPROVED BY JASON ZENG	DATE 2021.06.25
THIRD ANGLE PROJECTION	