



REV	ECN No.	DATE	REMARK
A	NEW	2023.03.13	NEW RELEASE

NOTE:

- MECHANICAL PERFORMANCE,
 - 1-1.INSERTION FORCE: 0.5~2.0kgf.
 - 1-2.EXTRACTION FORCE: 0.8kgf~2.0kgf.
0.6kgf~2.0kgf. AFTER DURABILITY TEST.
- 1-3.DURABILITY: 10000 CYCLES.
- ELECTRICAL PERFORMANCE,
 - 2-1. CURRENT RATING:5.0A
VOLTAGE RATING:5.0V
 - 2-2. LLCR:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD: 50mΩ/MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 - 2-3.INSULATION RESISTANCE: 100MΩ MIN
2-4.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.
- 符合ROHS&HF要求。
- SALT SPRAY TEST REQUIRES 48H

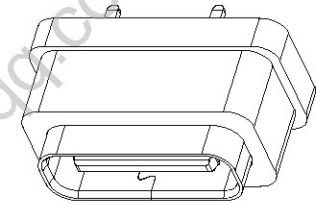


TABLE:

PART NO.	NO	PART	Q'TY	Material
W024002-SLB12R-02	1	SHELL	1	STAINLESS STEEL 304, NI 30u" MIN PLATED
	2	EMI Plate	1	STAINIESS STEEL 301,NI 30u" MIN PLATED
	3	Mid Plate	1	STAINIESS STEEL 301, NO PLATED
	4	CONTACT	24	COPPER STEEL C18400,接触镀金3u" 焊接区G/P, 镀底50u" Min
	5	1MD HOUSING	1	LCP BLACK UL94 V-0
	6	2MD HOUSING	1	LCP BLACK UL94 V-0
	7	PLASTIC SHELL	1	PA10T BLACK UL94 V-0
	8	CAP	1	LCP BLACK UL94 V-0
	9	防水胶	-	硅胶8935

USB TYPE C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXP1	B11	SSRP1
A3	SSTXN1	B10	SSRN1
A4	VBUS	B9	VBUS
A5	CC1	B8	SSR2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SRU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRP2	B3	SSTXN2
A11	SSRP2	B2	SSTXP2
A12	GND	B1	GND

PART NO.:
SEE THE PART NUMBER CODE

GENERAL TOLERANCES (UNLESS SPECIFIED)	
X.XXXXX	± ---
X.XXX	± 0.15
X.XX	± 0.20
X.X	± 0.30
ANGULAR	± --°

深圳市纬域科技有限公司
SHENZHEN WITAREA TECHNOLOGY CO., LTDTITLE
TYPE C 3.1/3.2 24PIN RECEPTACLE ,VERTICAL-MOUNT,
DUAL ROW SMT, L=6.5MM, IP67 WATERPROOF

DWG.NO. W0026-24-VM1-W3

DIMENSION STYLE
MM ONLYDESIGN UNITS
METRICSHEET NO.
1 OF 2SCALE
1:1DRAWN BY
ANDY YANGDATE
2023.03.13CHECKED BY
JAMES XIAODATE
2023.03.13APPROVED BY
JASON ZENGDATE
2023.03.13THIRD ANGLE
PROJECTION

frame size: A4

RoHS
Compliant

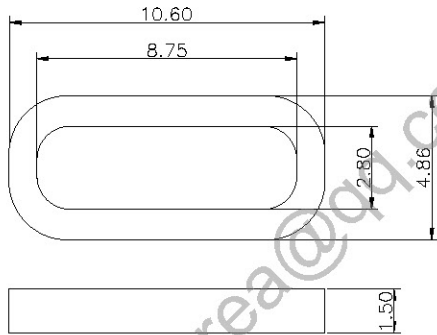


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PROPRIETARY TO WITAREA TECHNOLOGY, AND SHOULD
NOT BE USED WITHOUT WRITTEN PERMISSION



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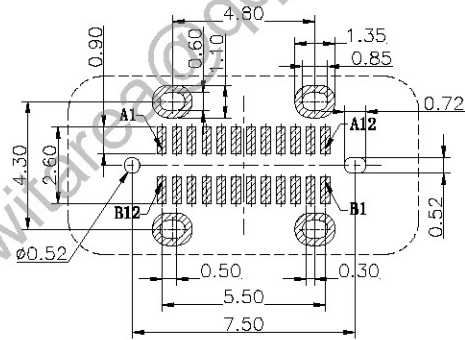
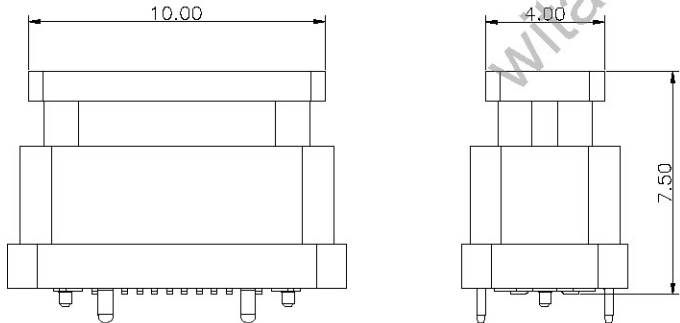
防水圈尺寸图



备注:

- 材质: 硅胶SI70A黑色无卤, 耐高温270度, 硬度70+/-5 UL94V-2
- 不可缺胶, 变形, 毛边, 脏污。

CAP尺寸图



RECOMMEND P.C.B LAYOUT (COMPONENT SIDE)
TOLERANCE FOR PCB LAYOUT IS ± 0.05

PART NO.:
SEE THE PART NUMBER CODE

QUALITY SYMBOL	GENERAL TOLERANCES (UNLESS SPECIFIED)
$\nabla = 0$	X.XXXX $\pm$ ---
$\nabla = 0.15$	X.XXX $\pm$ 0.15
$\nabla = 0.20$	X.XX $\pm$ 0.20
$\nabla = 0.30$	X.X $\pm$ 0.30
$\nabla = 0.50$	ANGULAR $\pm$ ---°

深圳市纬域科技有限公司 SHENZHEN WITAREA TECHNOLOGY CO., LTD		
TITLE TYPE C 3.1/3.2 24PIN RECEPTACLE ,VERTICAL-MOUNT, DUAL ROW SMT, L=6.5MM, IP67 WATERPROOF		
DWG.NO.	W0026-24-VM1-W3	SHEET NO. 2 OF 2
DIMENSION STYLE MM ONLY	DESIGN UNITS METRIC	SCALE 1:1

DRAWN BY	DATE 2023.03.13
CHECKED BY	DATE 2023.03.13
APPROVED BY	DATE 2023.03.13
THIRD ANGLE PROJECTION	

frame size: A4