

CAP ASSEMBLY AND MOUNTING CONDITION(REF.)

Ø3.50<>Pick&Place Area

SPECIFICATION:

1.ELECTRICAL CHARACTERISTICS:

- 1.1 CURRENT RATING: 1.5A/Pin MAX(A4,A9,B4,B9)
1.25A/Pin MAX(A1,A12,B1,B12),0.25A(OTHER PIN)
- 1.2 CONTACT RESISTANCE: 40 MILLIONHM MAX.
- 1.3 DIELECTRIC WITHSTANDING VOLTAGE: 100 VAC r.m.s
- 1.4 INSULATION RESISTNACE: 100 MEGOHMS MIN.

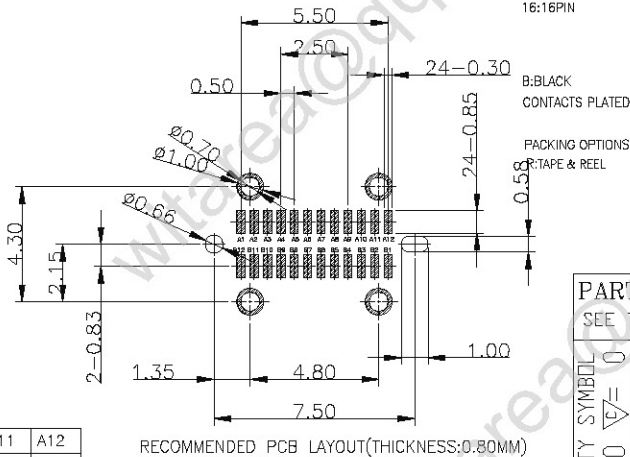
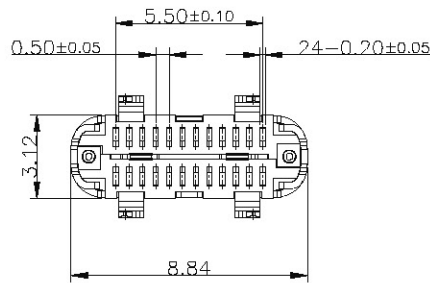
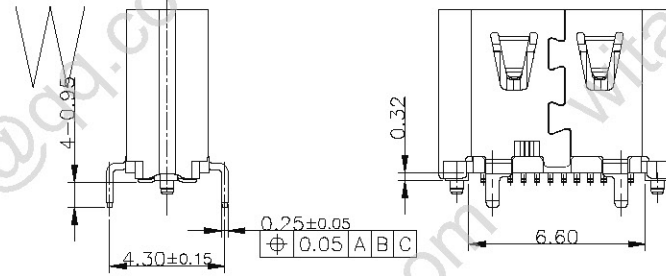
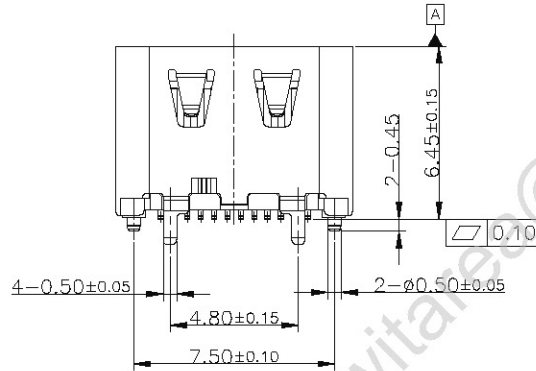
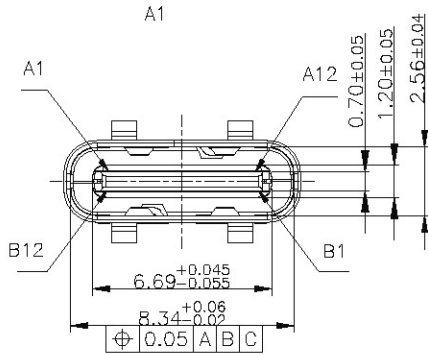
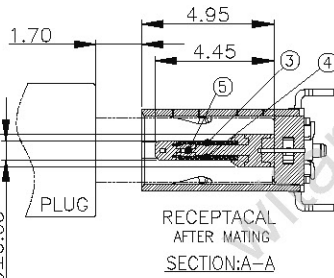
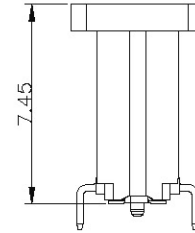
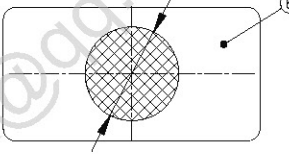
2.MECHANICAL CHARACTERISTICS

- 2.1 INSERTION FORCE: 5~20N
- 2.2 EXTRACTION FORCE: Initial:8~20N;Durability:6~20N(10000cycles);
- 2.3 DURABILITY:10,000CYCLES

3.ENVIRONMENTAL CHARACTERISTICS

- 3.1 TEMPERATURE RANGE: -40 °C ~ 85 °C
- 3.2. IR REFLOW:

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



Pin No.
16:16PIN

B:BLACK
CONTACTS PLATED:

PACKING OPTIONS
R:TAPE & REEL

⑥	CAP	1 PCS	LCP	COLOR: BLACK
⑤	MID PLATE	1 PCS	STAINLESS STEEL	NO SURFACE TREATMENT
④	CONTACT B	1 SET	COPPER ALLOY	
③	CONTACT A	1 SET	COPPER ALLOY	
②	HOUSING	3 PCS	PA46	COLOR: BLACK
①	SHELL	1 PCS	STAINLESS STEEL	Ni 30u" MIN. UNDER PLATED OVER ALL.
NO.	DESCRIPTION	QTY.	MATERIAL	FINISH

PART NO.:
SEE THE PART NUMBER CODE

GENERAL TOLERANCES
(UNLESS SPECIFIED)

X.XXXXX	± ---
X.XXX	± 0.10
X.XX	± 0.20
X.X	± 0.30
ANGULAR	± --°

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, H=6.45MM, L=6.45MM

DWG.NO.	W0026-24-VM1-S6	SHEET NO.	1 OF 1
DIMENSION STYLE	MM ONLY	DESIGN UNITS	METRIC
SCALE	1:1		

DRAWN BY ANDY YANG	DATE 2021.05.06
CHECKED BY JAMES XIAO	DATE 2021.05.06
APPROVED BY JASON ZENG	DATE 2021.05.06
THIRD ANGLE PROJECTION	

PIN ASSIGNMENTS:

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	RX-	RX+	Vbus	CC1	D+	D-	SBU1	Vbus	TX-	TX+	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
GND	TX-	TX+	Vbus	SBU2	D-	D+	CC2	Vbus	RX-	RX+	GND

RECOMMENDED PCB LAYOUT(THICKNESS:0.80MM)