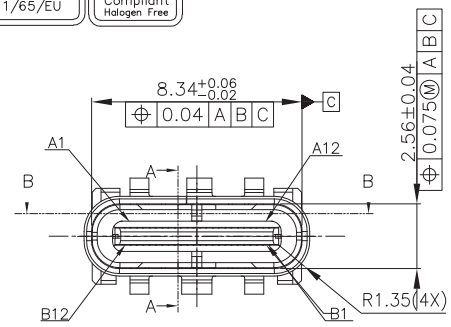
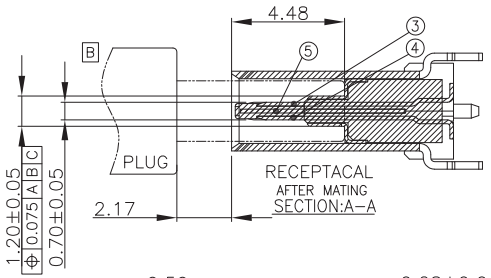
Process Capable | RoHS Compliant 2011/65/EU | Halogen Free Compliant

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PROPOSE ONLY	ERIC	2020.05.08
B	取消EMC接地片，提升生产效率	ERIC	2020.07.22

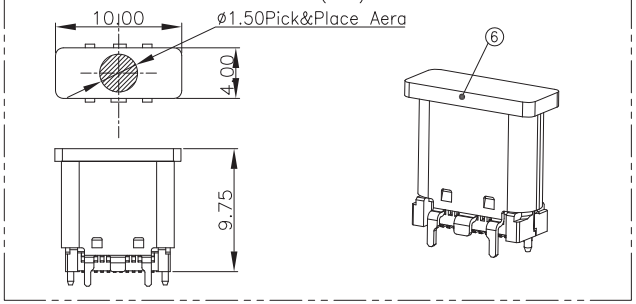
Part NO. Detailed List

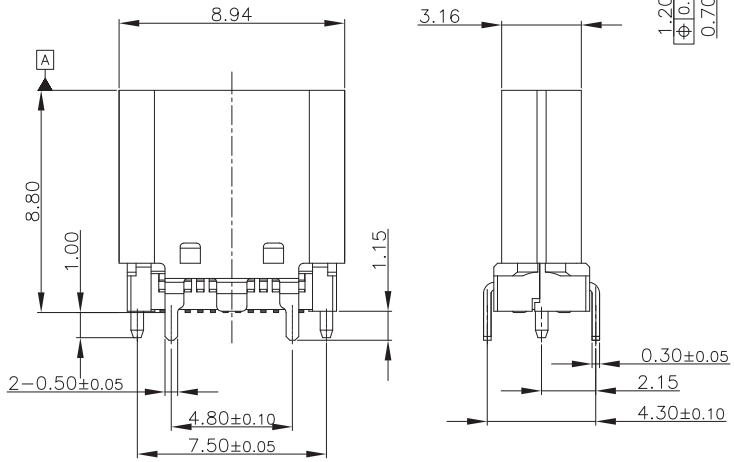
ITEM	P/N	LOGO	EMC
1	TCR42-88112402-11	With Out	WITH

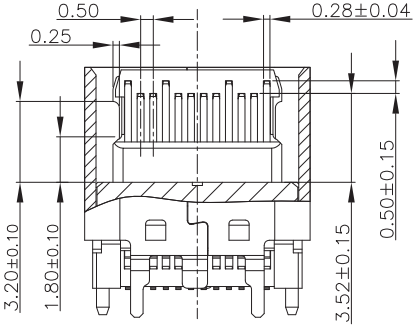




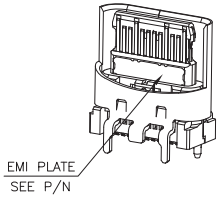
CAP ASSEMBLY AND MOUTING CONDITION(REF.)

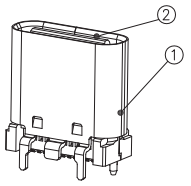


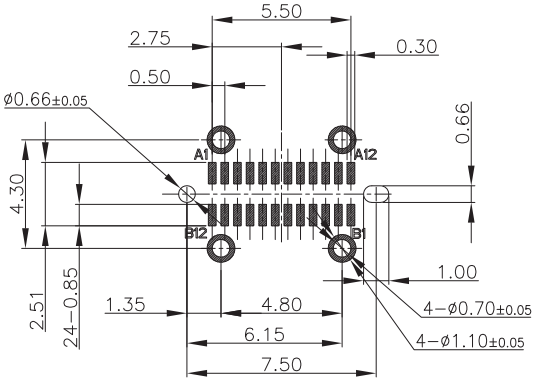




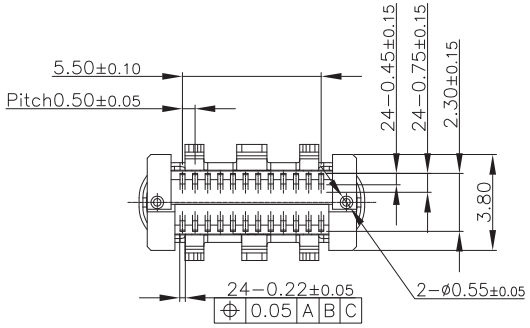
SECTION:B−B







RECOMMENDED PCB LAYOUT(THICKNESS:0.80MM)
PWB TOLERANCE: ±0.05



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(OHER 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(1000cycles);
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.

4.PART NO.:

TC R 42-88 1 1 24 02-11

- TC=TYPE.C CONN.
- R=RECPTACLE
- Product Order
- 88:HEIGHT ON BOARD 8.80mm
- 1=BLACK HOUSING
- 1=WITH POST
- Pin NO. 24=24Pin
- 02=3u" Au Plating On Contact Aera
- SEE TABLE

PIN ASSIGNMENTS:

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	TX1+	TX1−	VBUS	CC1	D+	D−	SBU1	VBUS	RX2−	RX2+	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
GND	RX1+	RX1−	VBUS	SBU2	D−	D+	CC2	VBUS	TX2−	TX2+	GND

NO.	DESCRIPTION	QTY.	MATERIAL	FINISH
⑥	CAP	1 PCS	NYLON	COLOR: BLACK
⑤	MID PLATE	1 PCS	STAINLESS STEEL	NO SURFACE TREATMENT
④	CONTACT B	1 SET	COPPER ALLOY	Ni 50u" MIN. UNDER PLATED OVER ALL. Au PLATED ON THE FUNCTIONAL AREA OF CONTACT. (GOLD PLATING THICKNESS FOLLOW THE P/N) PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N
③	CONTACT A	1 SET	COPPER ALLOY	
②	HOUSING	3 PCS	PA9T	COLOR: BLACK
①	SHELL	1 PCS	STAINLESS STEEL	Ni 30u" MIN. UNDER PLATED OVER ALL.

UNLESS OTHERWISE SPECIFED TOLERANCES

DECIMALS: X :±0.5, X.X :±0.30, X.XX :±0.20, X.XXX :±0.10
ANGLES: X :±2°, X.X :±1°

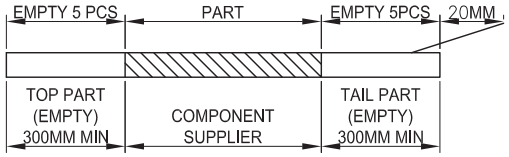
TACLEX TACLEX ELECTRONICS CO., LTD.

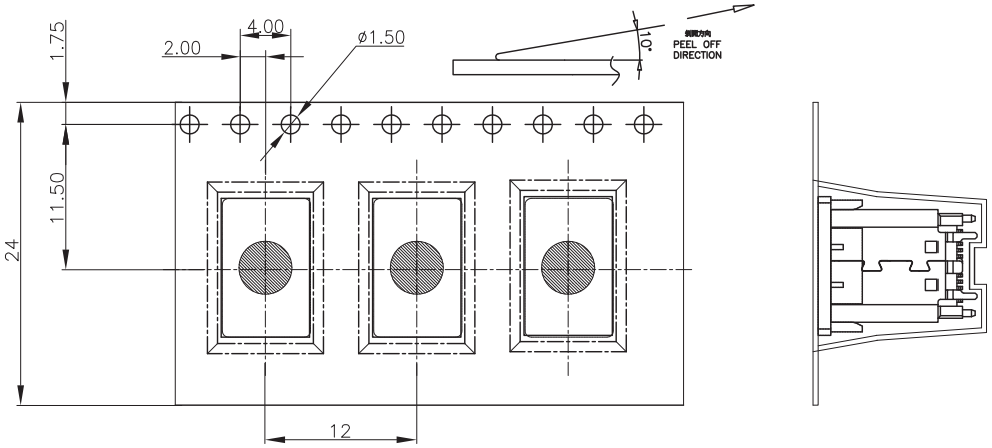
TITLE	Type.C 24PIN Dull SMT CONN. RECPTACLE			
DWN	chenjun	PART NO. TCR42-88112402-11		
CHKD	chenjun	SCALE:1:1	UNIT: mm	
APVD	Kevin.d	SIZE: A4	SHEET:1OF1	REV: B
DRAW NO. C-DWG-TCR42-01		CUSTOMER COPY		

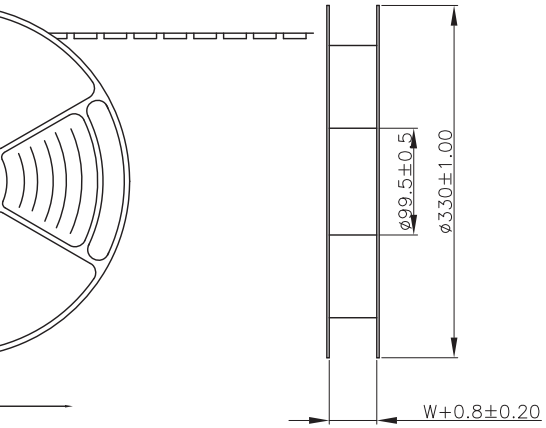
Process Capable | RoHS Compliant 2011/65/EU | Compliant Halogen Free

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PROPOSE ONLY	ERIC	2020.05.08

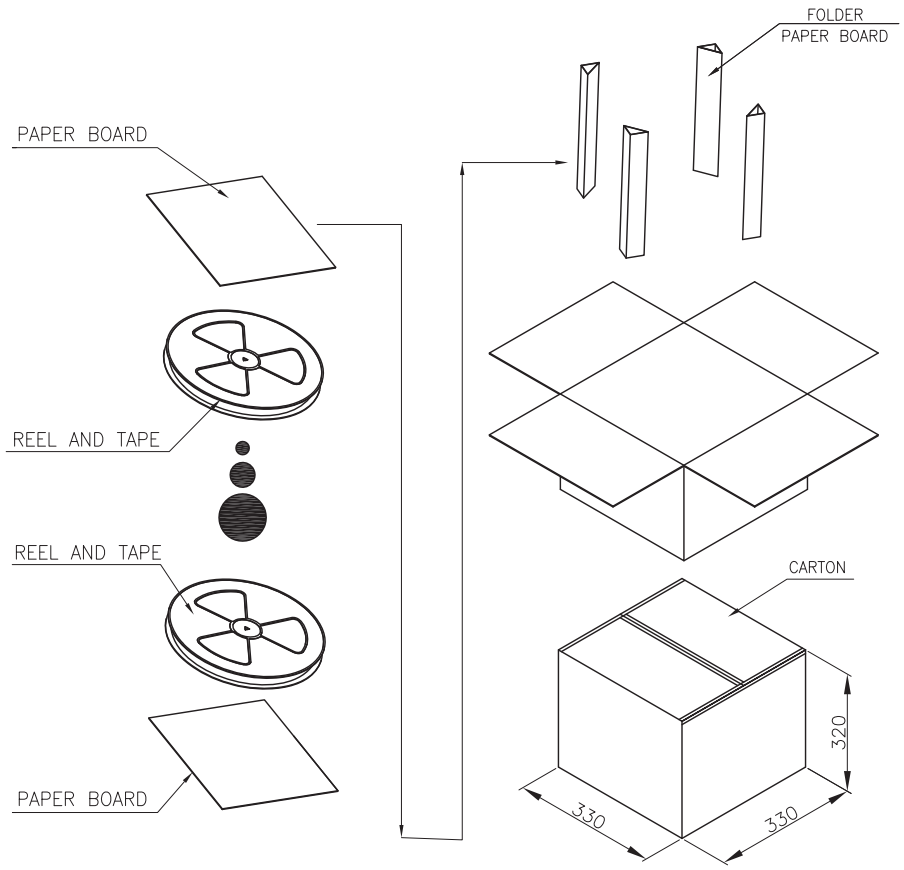
PULL OUT DIRECTEON







PRODUCT PACKAGING DIRECTION
CUSTOMER TO USE DIRECTION



CONN. PART NO.	CONN. QTY./REEL	REEL QTY./CARTON	CONN. QTY./CARTON
TCR42-88112402-11	450	8	3600 PCS

UNLESS OTHERWISE SPECIFED TOLERANCES

DECIMALS: X :±0.5, X.X :±0.30, X.XX :±0.20, X.XXX :±0.10

ANGLES: X :±2°, X.X :±1°

TACLEX TACLEX ELECTRONICS CO., LTD.

TITLE	Type.C 24PIN Dull SMT CONN. RECPTACLE			
DWN	chenjun	PART NO. TCR42-88112402-11		
CHKD	chenjun	SCALE:1:1	UNIT: mm	
APVD	Kevin.d	SIZE: A4	SHEET:1OF1	REV: A
DRAW NO. C-DWG-TCR42-01		CUSTOMER COPY		