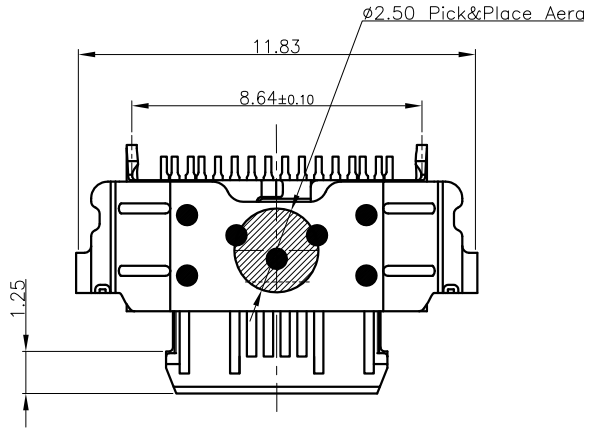
RoHS Compliant 2011/65/EU — Process Capable

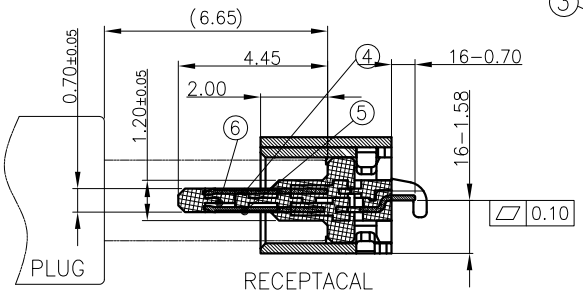
Compliant Halogen Free

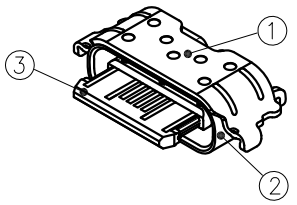
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	FORMALLY ISSUE	ERIC	2018.11.08

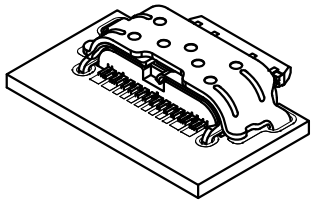
Part NO. Detailed List

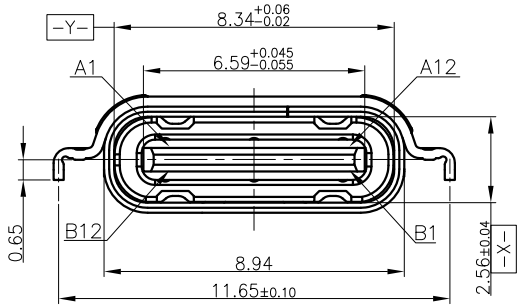
ITEM	P/N	LOGO
1	TUC31-16121602-01	With
2	TUC31-16121602-02	With Out

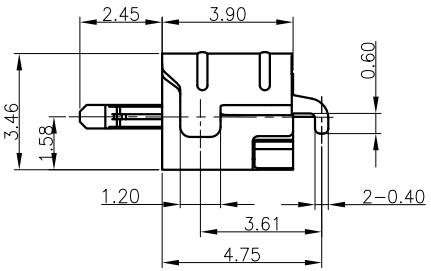


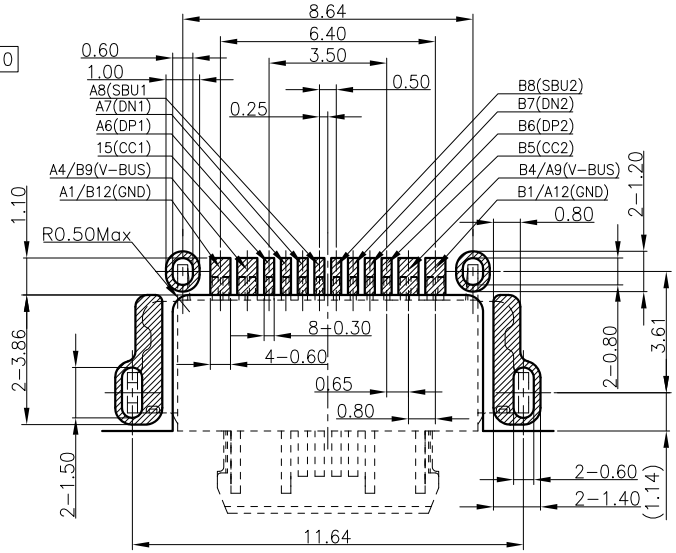




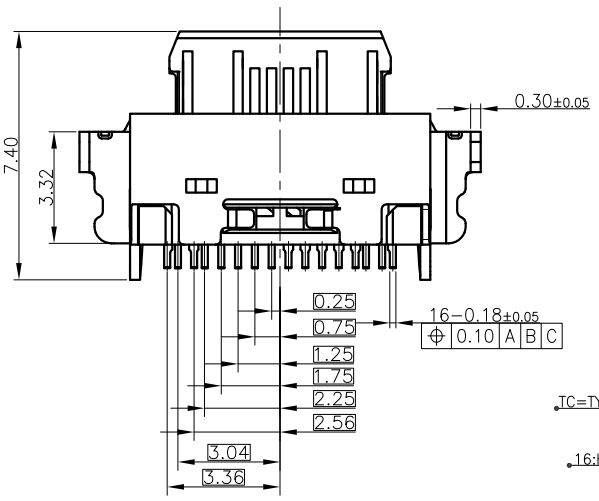








RECOMMENDED PCB LAYOUT(THICKNESS:0.80MM)
PWB TOLERANCE: ±0.05



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.:

TUC 31-16 1 2 16 02-XX

- TC=TYPE.C CONN.
- Product Order
- 16:HEIGHT ON BOARD 1.6mm
- 1=BLACK HOUSING
- 2=WITH OUT POST
- Pin NO. 16=16Pin
- 02=3u" Au Plating On Contact Aera
- XX= Servies NO. SEE Detailed List

NO.	DESCRIPTION	QTY.	MATERIAL	FINISH
6	MID PLATE	1 PCS	STAINLESS STEEL	NO SURFACE TREATMENT
5	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
4	CONTACT A	1 SET	COPPER ALLOY	
3	HOUSING	3 PCS	NYLON 46	COLOR: BLACK
2	SHELL	1 PCS	STAINLESS STEEL	Ni 30u" MIN. UNDER PLATED OVER ALL.
1	COVER 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 ELECTRONICS CO., LTD.

TITLE	Type.C 16PIN Dual SMT CONN. RECPTACLE		
DWN	Johnie	PART NO. TUC31-16121602-XX	
CHKD	Kevin.d	SCALE:1:1	UNIT: mm
APVD	Simon.Mo	SIZE: A4	SHEET:1OF1 REV: A
DRAW NO. P-DWG-TC31-01		CUSTOMER COPY	