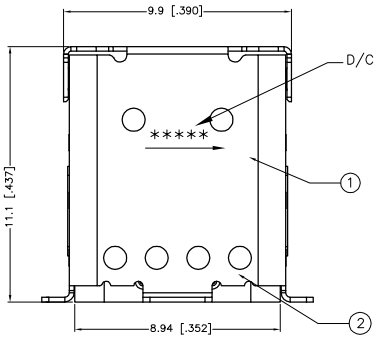
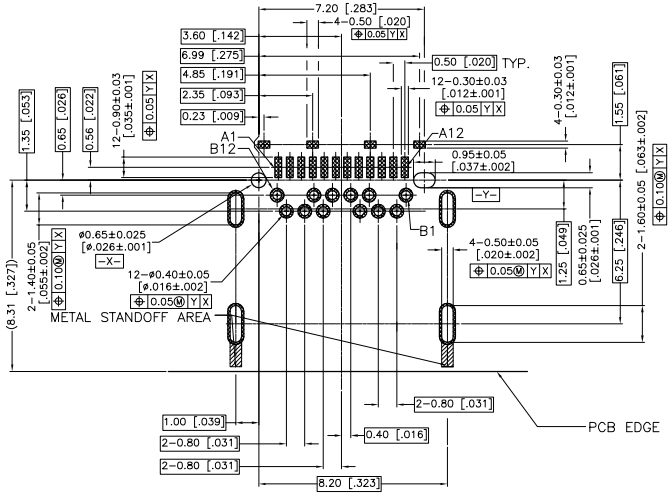
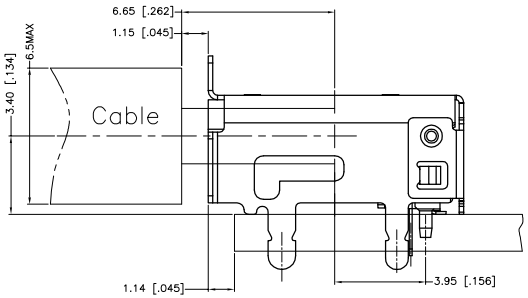
REV.	ECN. NO.	APPD.
A	BC-15-0055936	Adward

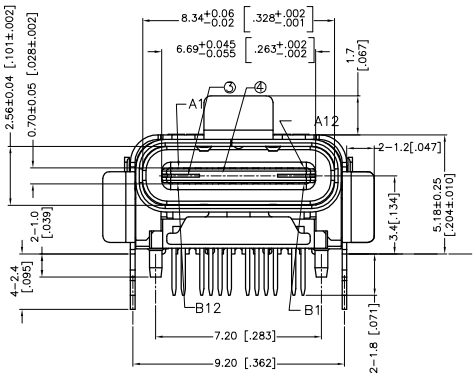


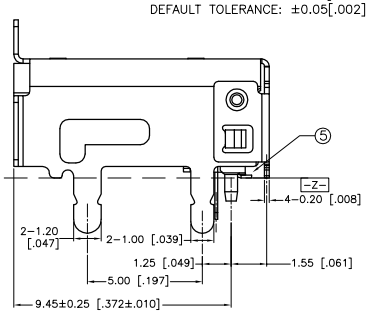


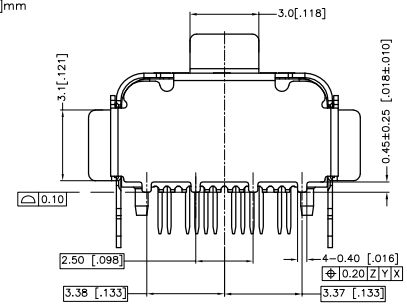


RECOMMENDED P.C.B LAYOUT (COMPONENT SIDE)

PCB THICKNESS: 1.60±0.05[.063±.002]mm
DEFAULT TOLERANCE: ±0.05[.002]





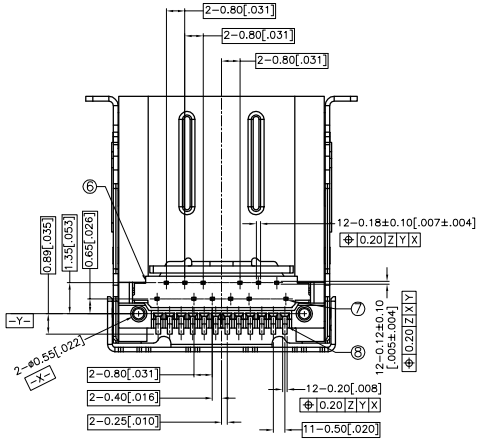


NOTES :

1. ELECTRICAL CHARACTERISTIC:
   - 1-1: CONTACT CURRENT RATING: VBUS AND GND CONTACTS RATED AT 1.25A EA., PARALLELED FOR A TOTAL OF 5A.
   - 1-2: LOW LEVEL CONTACT RESISTANCE: 40 MILLIOHMS MAX. FOR VBUS ,GND AND OTHER CONTACTS. 50 MILLIOHMS MAX. AFTER ENVIRONMENT TEST.
   - 1-3: DIELECTRIC WITHSTANDING VOLTAGE: 100VAC (RMS)MIN.
   - 1-4: INSULATION RESISTANCE: 100 MEGOHMS MIN.
2. MECHANICAL CHARACTERISTIC:
   - 2-1: INSERTION FORCE: 5~20N .
   - 2-2: EXTRACTION FORCE: 8~20 N UP TO 1,000 MATING CYCLES, 6~20 N AFTER 1000 DURABILITY CYCLES.
   - 2-3: DURABILITY: 10000 CYCLES.
   - 2-4: OPERATING TEMPERATURE: -55°C ~ +85°C.
3. MEET USB TYPE C STANDARD SPECIFICATION.
4. DIMENSIONS ARE IN MILLIMETERS, BRACKETED DIMENSIONS ARE INCHES EQUIVALENTS.
5. RECOMMENED PROCESS: IR REFLOW 260°C, 3~5SECONDS.
6. THE CONNECTOR IS ROHS COMPLIANT.

PRODUCT NO.: UT 1 1 1 1 C - 1 34 0D - 7 H

- Series Prefix: USB 3.1 TYPE C
- Termination Type: 1: Right Angle, Hybrid SMT & T/H.
- Position: 1: 24 PDS.
- CONFIGURATION: 1: Single, Top-mount
- Contact Area Plating: C: 30u" Pd/Ni+GOLD FLASH
- HSG Color+Shell Plating: 1: Black HSG+Ni Plating
- Center Height: 34: 3.40 mm
- Extension Code
- Package Code: 7: Tape & Reel
- Halogen Free



PIN ASSIGNMENT:

Pin No.	Signal Name	Pin No.	Signal Name
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND

NO.	DESCRIPTION	QTY.	MATERIAL	TREATMENT
⑧	UPPER CONTACT	12	COPPER ALLOY	NICKEL UNDERPLATING OVERALL; 30u"PALLADIUM/NICKEL +GOLD FLASH AT CONTACT AREA; LEAD FREE TIN ALLOY PLATED AT TERMINATION.
⑦	LOWER CONTACT	12		
⑥	LOWER IM	1	THERMOPLASTIC UL 94V-0	MOLDED COLOR: BLACK.
⑤	UPPER IM	1	THERMOPLASTIC UL 94V-0	MOLDED COLOR: BLACK.
④	CENTER IM	1	THERMOPLASTIC UL 94V-0	MOLDED COLOR: BLACK.
③	SHIELD PLATE	1	STAINLESS STEEL	NICKEL PLATING AT OVER ALL.
②	INNER SHELL	1	STAINLESS STEEL	CLEAN
①	OUTER SHELL	1	STAINLESS STEEL	NICKEL PLATING ONLY AT TAIL, Au AT TABS AND SOLDER TAIL.

X. ±	X.° ±
.X ± 0.25[.010]	.X° ±
.XX ± 0.15[.006]	.XX° ±
.XXX ±	.XXX° ±

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UNITS: mm[inch]
MAT'L: N/A
FINISH: N/A
Q'TY: N/A

NAME(INTENDED USE): CUSTOMER
PART NO.(INTENDED USE): UT1111C-1340D-7H
APPD: Dean Zhang 11/13'15
CHKD: Richard Yu 11/13'15
DR: Joy Du 11/13'15

FOXCONN®
FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
CLASS: ☐ CONFIDENTIAL ☐ SECRET ■ GENERAL
TITLE: USB TYPE C RIGHT ANGLE
DWG NO.: 327-0000-3321

SCALE	SHEET	REV.
N/A	1/1	A