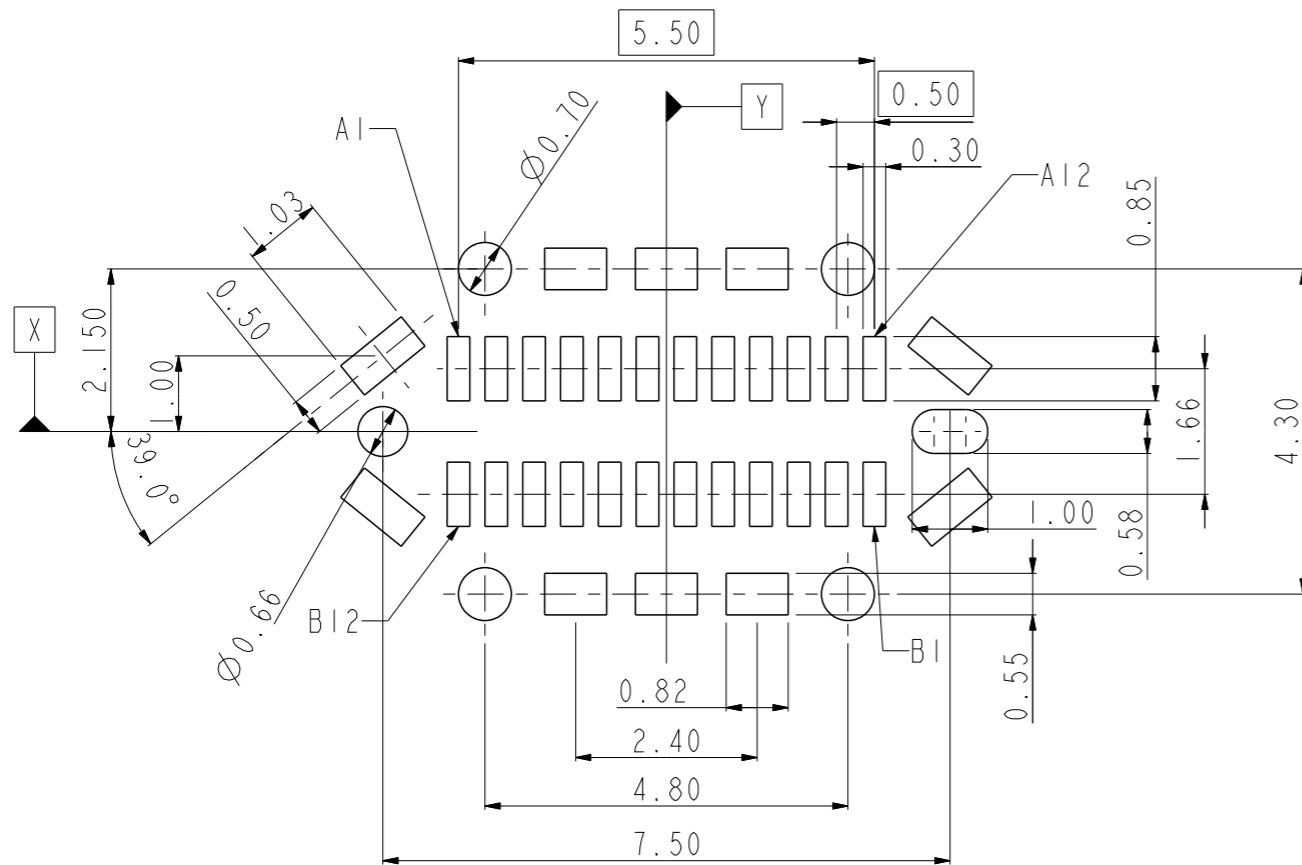


spec ref	-	dr	Li-Qing Lei	2014/11/20	projection	mm	size	A3	scale	DRAWING SCALE
tolerance std	ISO 406 ISO 1101	eng	Li-Qing Lei	2015/04/03			ecn no	-	rel level	Preliminary
surface	ISO 1302	chr	-	-			product family	-	rel level	Preliminary
		appr	-	-			dwg no	10132328	rev	1
					linear: 0.X ±0.15 0.XX ±0.10 0.XXX ±0.05 angular: 0° ±2°	title: USB3.1 Type C Vertical, Receptacle	cat. no.	Product - Customer Drw	sheet 1 of 2	





RECOMMEND PCB
TOLERANCE: ±0.05

NOTE:

1. MATERIAL:

- 1.1 BODY HSG: THERMOPLASTIC, BLACK, UL94-V0
- 1.2 INNER HSG: THERMOPLASTIC, BLACK, UL94-V0
- 1.3 TERMINAL: COPPER ALLOY
- 1.4 SHELL: STAINLESS STEEL
- 1.5 GND PLATE: STAINLESS STEEL
- 1.6 MID-PLATE: STAINLESS STEEL
- 1.7 CAP: THERMOPLASTIC, BLACK, UL94-V0

2. PLATING:

- 2.1 TERMINAL: (Min) 0.05 um Au + (Min) 0.75 um Ni-Pd ON CONTACT AREA
- 2.2 SHELL: PLATING 0.74um MIN Ni OVER AREA.
- 2.3 EMI: PLATING 0.74um MIN Ni OVER AREA.
- 2.4 CENTER PLATE: PLATING 0.74 MIN Ni OVER AREA.

3. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW ;

4. LEAD FREE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008

5. PRODUCT MEET HALOGEN FREE

6. PART NUMBER CODE: 10132328-1000ILF

PIN NUMBER	SIGNAL NAME	DESCRIPTION
A1	GND	Ground Return
A2	SSTX+	SuperSpeed differential pair
A3	SSTX-	
A4	VBUS	Bus Power
A5	CC1	Configuration Channel
A6	D+	USB 2.0 differential pair
A7	D-	
A8	RFU1	Reserved for Future use
A9	VBUS	Bus Power
A10	SSRX-	SuperSpeed differential pair
A11	SSRX+	
A12	GND	Ground Return

PIN NUMBER	SIGNAL NAME	DESCRIPTION
B12	GND	Ground Return
B11	SSRX+	SuperSpeed differential pair
B10	SSRX-	
B9	VBUS	Bus Power
B8	RFU2	Reserved for Future use
B7	D-	USB 2.0 differential pair
B6	D+	
B5	CC2	Configuration Channel
B4	VBUS	Bus Power
B3	SSTX-	SuperSpeed differential pair
B2	SSTX+	
B1	GND	Ground Return

NOTE: Tx and Rx are defined from the host perspective

spec ref	-	dr	Li-Qing Lei	2014/11/20	projection	mm	size	A3	scale	DRAWING SCALE
tolerance std	ISO 406 ISO 1101	eng	Li-Qing Lei	2015/04/03			ecn no	-	rel level	Preliminary
surface	ISO 1302	chr	-	-			product family			
		appr	-	-			dwg no	10132328	rev	1
					USB3.1 Type C Vertical, Receptacle	cat. no.	Product - Customer Drw	sheet 2 of 2		



Copyright FCI.