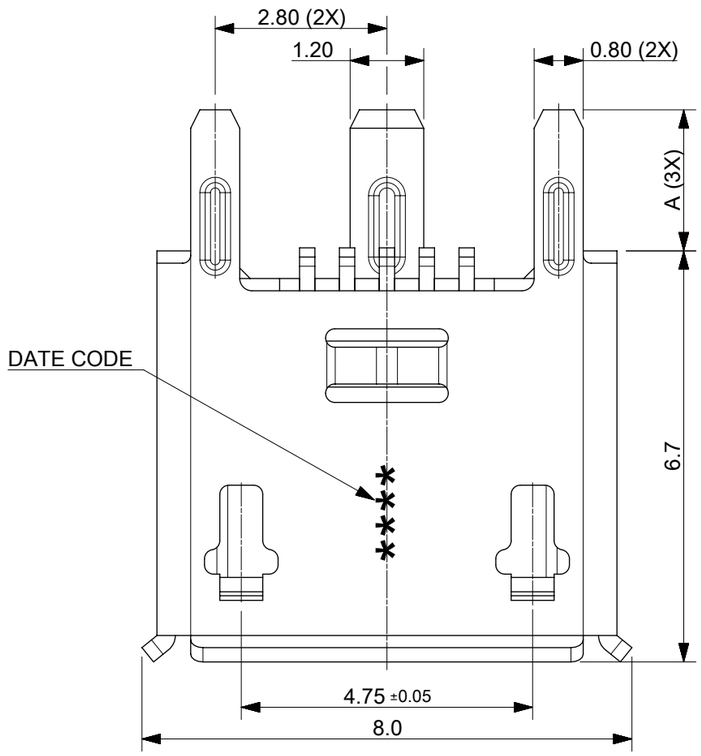
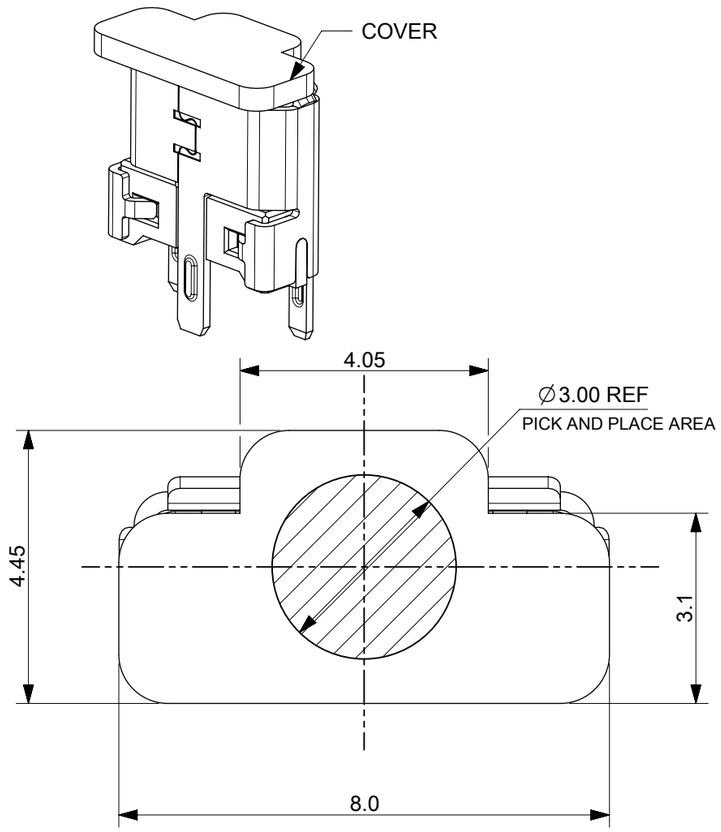
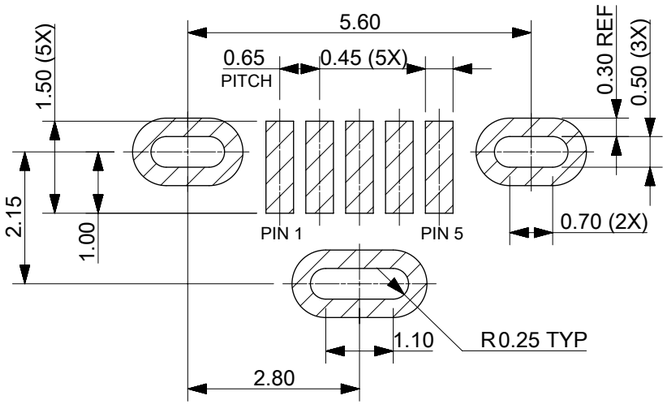
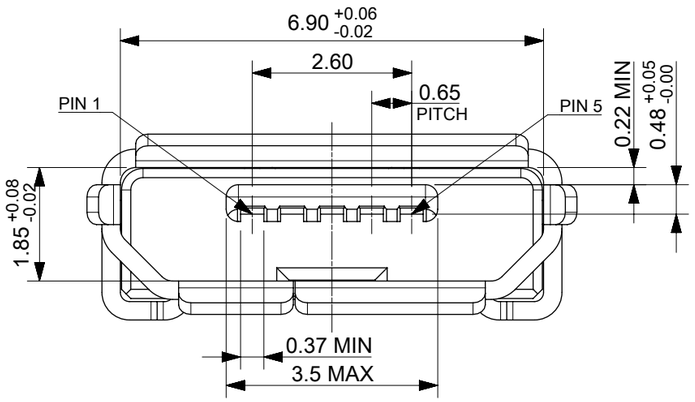


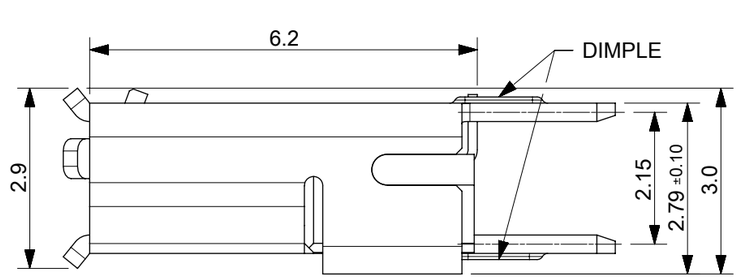


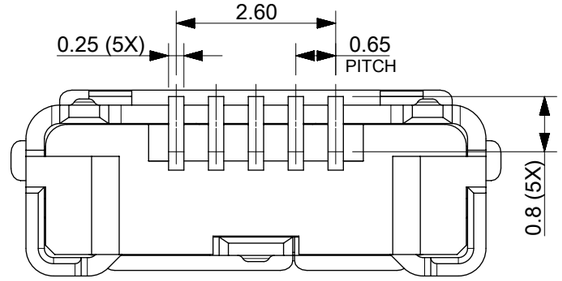


RECOMMENDED PCB LAYOUT (THICKNESS: 1.6mm)
GENERAL TOLERANCE: ±0.05

5	GND
4	ID
3	D+
2	D-
1	VBUS
PIN	NAME
PIN ASSIGNMENT	







105133-0002	1.70
105133-0001	2.30
PART NUMBER	DIM A

NOTES:

1. MATERIAL:
   HOUSING & COVER: HIGH TEMPERATURE THERMOPLASTIC, BLACK, UL94V-0;
   TERMINAL: COPPER ALLOY, THICKNESS: 0.15mm;
   SHELL: STAINLESS STEEL, THICKNESS: 0.30mm.
2. PLATING:
   TERMINAL: CONTACT AREA: MINIMUM 0.75 MICRON GOLD;
   SOLDER TAIL AREA: GOLD FLASH;
   UNDER PLATING: NICKEL 2.0 MICRON MINIMUM.
   SHELL: 1.27 MICRON MINIMUM SOLDERABLE NICKEL PLATING OVER ALL.
3. TAIL COPLANARITY 0.08mm MAXIMUM.
4. PRODUCT SPECIFICATION: PS-105133-001.
5. PACKAGE SPECIFICATION: PK-105133-001.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	mm
SCALE	NTS
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 3.0 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.15
1 PLACE	± 0.25
0 PLACES	±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC:

EC NO: 678130
DRWN: XQZHANG 2021/10/28
CHK'D: AYIN 2022/06/08
APPR: AYIN 2022/06/08

INITIAL REVISION:
DRWN: XJSONG 2010/08/02
APPR: RZHANG 2010/11/11

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 105133

molex

SALES DRAWING FOR USB, MICRO-B VERTICAL TYPE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-105133-001	PSD	000	G

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2022/06/08 02:43:32

FORMAT: master-lb-prod-A3
REVISION: J1
DATE: 2021/05/01