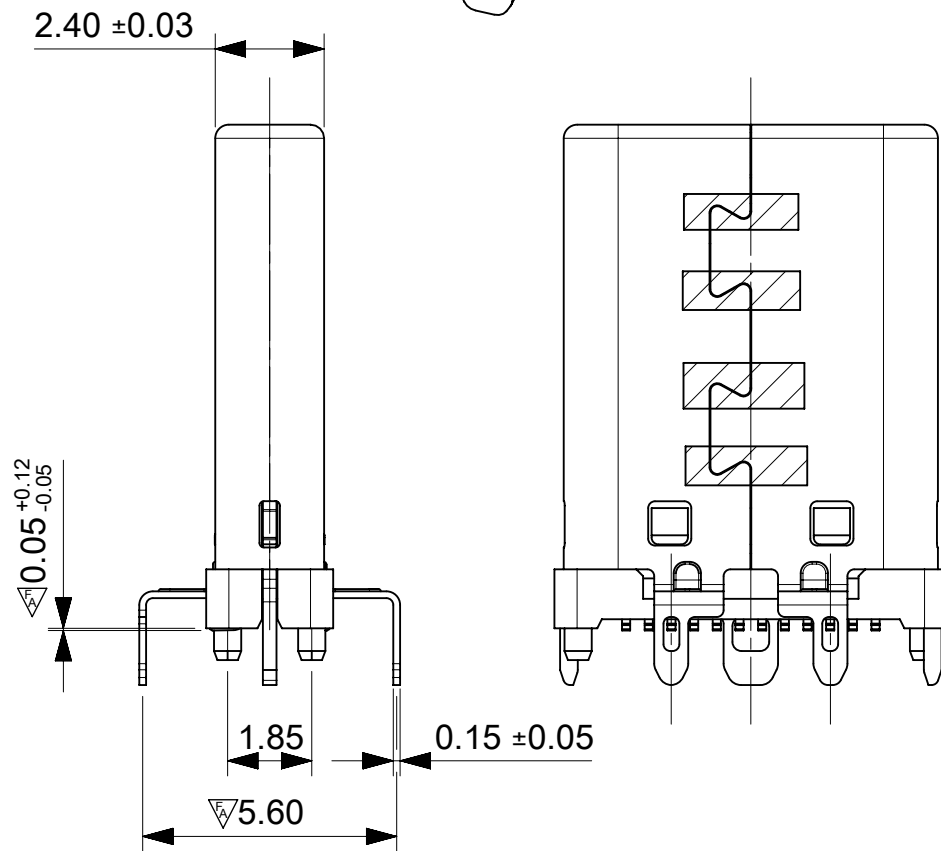
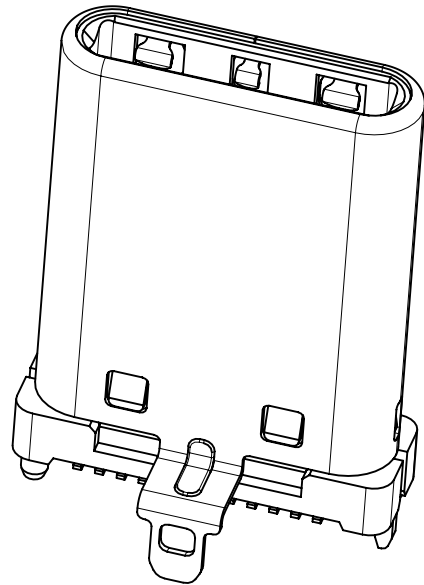
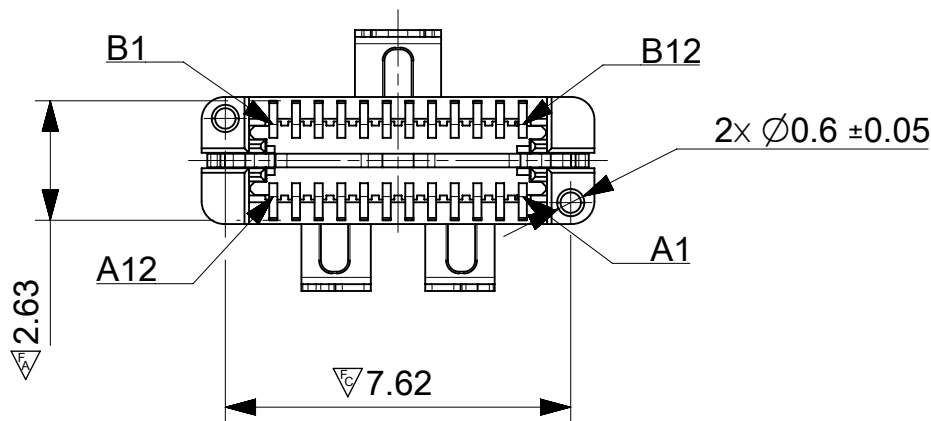
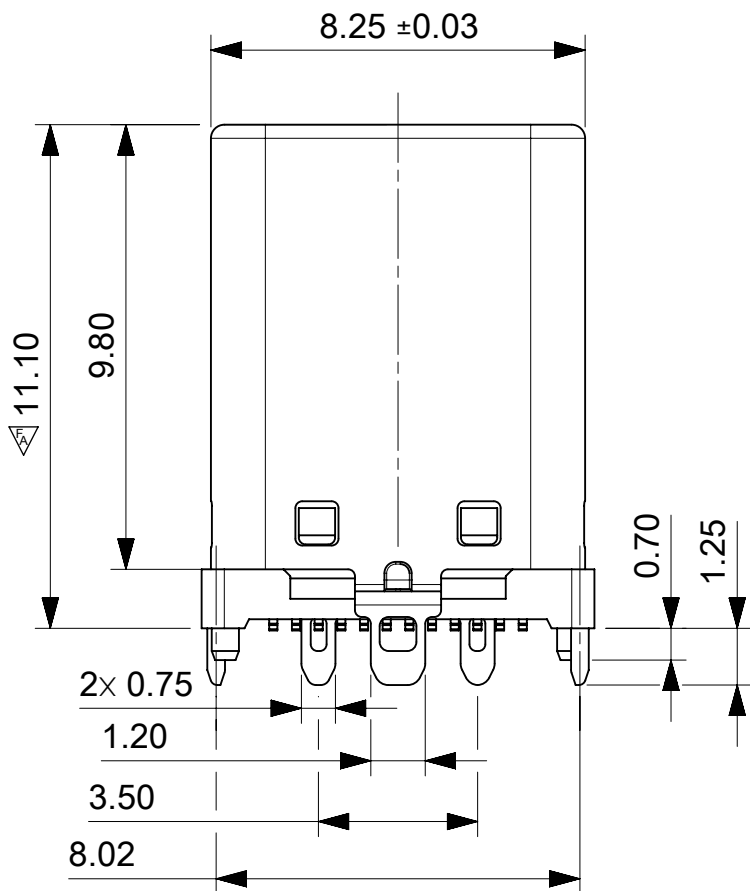
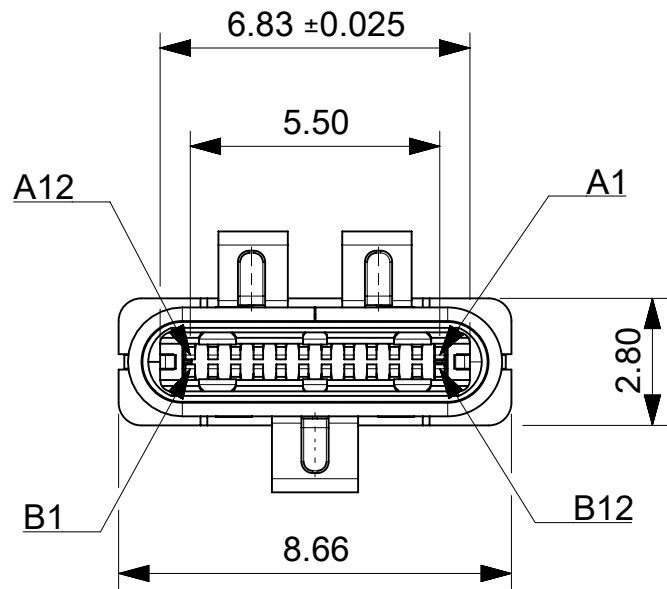




- NOTE:
- 1.MATERIAL SPECIFICATION:
- 1-1.HOUSING&PICKUP COVER:LCP,UL94 V-0.BLACK.
 - 1-2.CONTACTS: COPPER ALLOY.
 - 1-3.LATCH: STAINLESS STEEL(SUS301).
 - 1-4.SPRING: STAINLESS STEEL(SUS304).
 - 1-5.FRONT SHELL: STAINLESS STEEL(SUS304).
- 2.PLATING SPECIFICATION:
- 2-1.CONTACTS:
Ni 50u" MIN. UNDER PLATED OVER ALL.
CONTACT AREA Au PLATING 1u"
 - 2-2.FRONT SHELL:
Ni 30u" MIN. UNDER PLATED OVER ALL.
 - 2-3.LATCH:
Ni 50u" MIN. UNDER PLATED OVER ALL.
80u" MIN. TIN PLATED ON SOLDERING AREA.
 - 2-4.SPRING:
CLEAR ONLY
- 3.MECHANICAL PERFORMANCE,
- 3-1.INSERTION FORCE: 0.5~2.0kgf.
 - 3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.
 - 3-3.DURABILITY: 10000 CYCLES.
- 4.ELECTRICAL PERFORMANCE,
- 4-1. CURRENT RATING:5.0A MAX.
VOLTAGE RATING:5.0V.
 - 4-2. LLCR:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD: 50mΩ/MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 - 4-3.INSULATION RESISTANCE: 100MΩ MIN.
 - 4-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
5. ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -25°C~+85°C.
- 6.IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.
7. PRODUCT SPEC:PS_1054440001_1
8. PACKAGE SPEC:PDD_2188470001PK
9. PRODUCT COMPLIANCE TO RoHS DIRECTIVE 2011/65/EU
10. PLEASE CONTACT YOUR SALES REPRESENTATIVE IF
INTENDED FOR AUTOMOTIVE

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
FA = 4 FE = 1 FD = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: EC NO: 783688 DRWN: KCHENG062024/04/19 CHK'D: HORACM12024/04/19 APPR: HORACM12024/04/19 INITIAL REVISION: DRWN: DARIEY2022/12/27 APPR: RLI092023/01/30					molex USB TYPE C PLUG VERTICAL SMT 24PIN							
	mm		6:1														
	GENERAL TOLERANCES (UNLESS SPECIFIED)																
ANGULAR TOL ± 3.0 °																	
4 PLACES ±																	
DIVISIONAL SYMBOLS	3 PLACES ±									PRODUCT CUSTOMER DRAWING							
	2 PLACES ± 0.25																
	1 PLACE ±									DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
	0 PLACES ±									2188470001		PSD		000		C	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
						A3-SIZE		218847		2188470001		GENERAL MARKET		1 OF 2			

