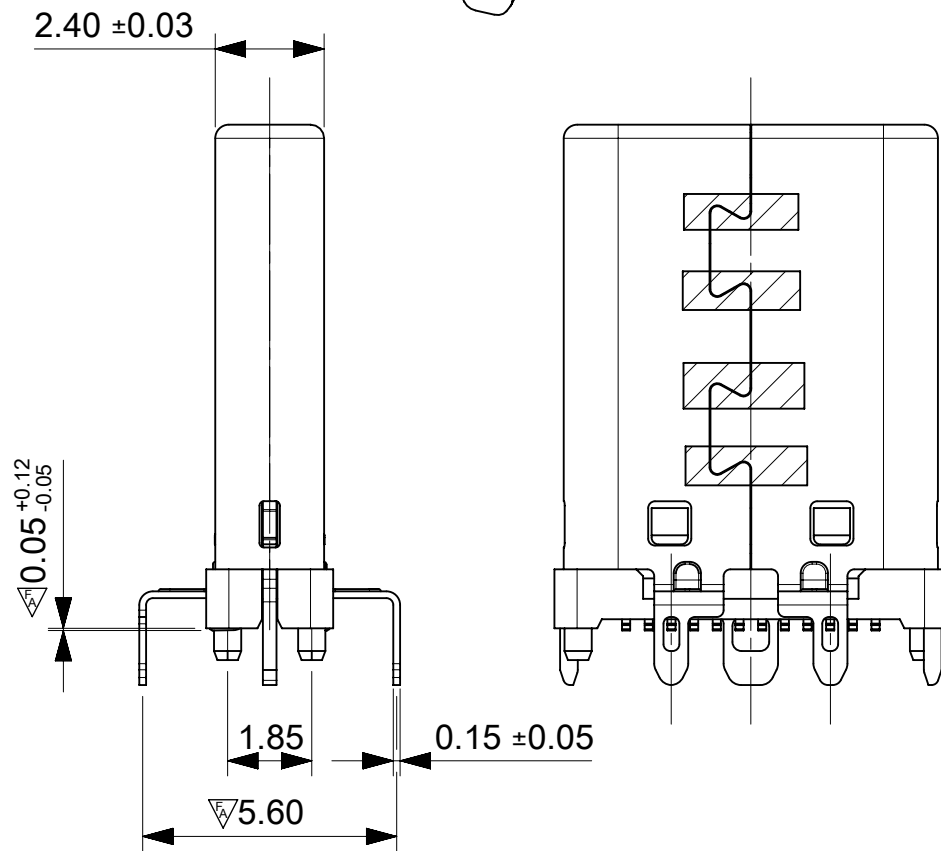
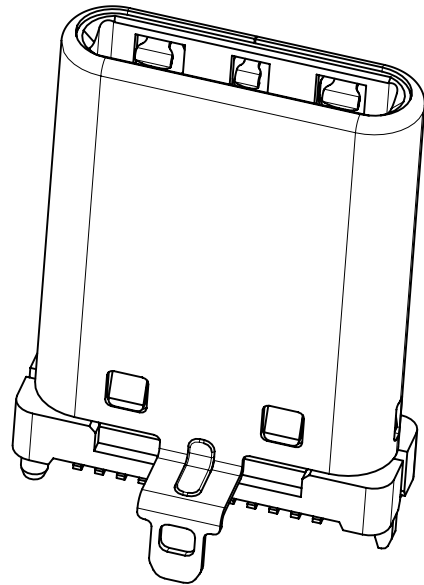
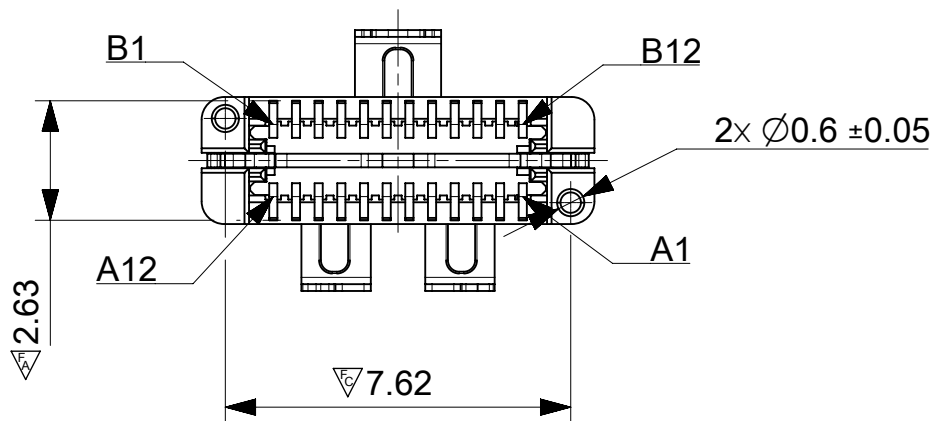
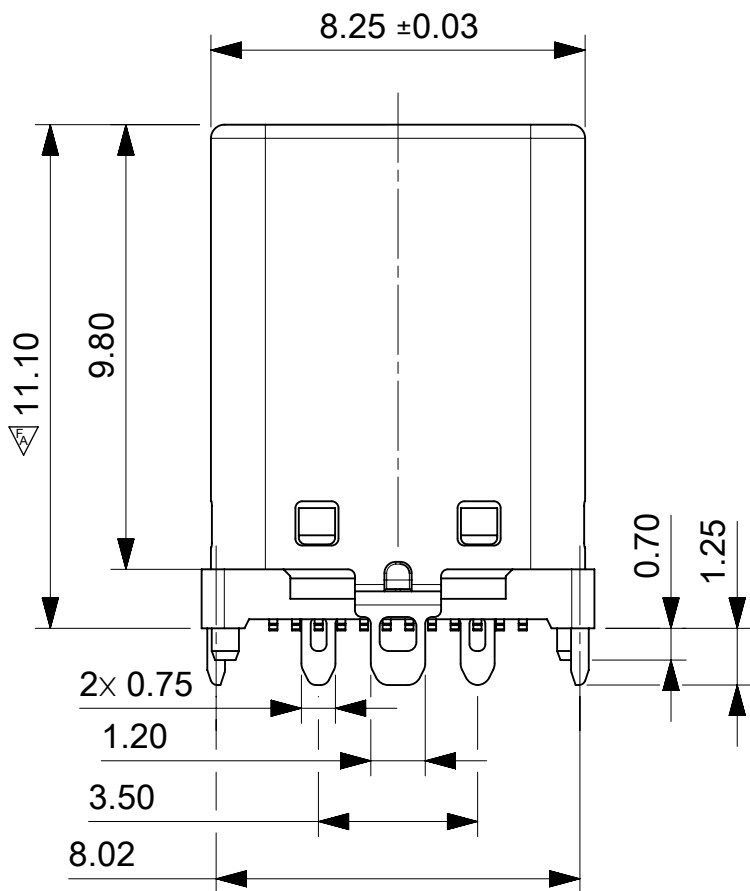
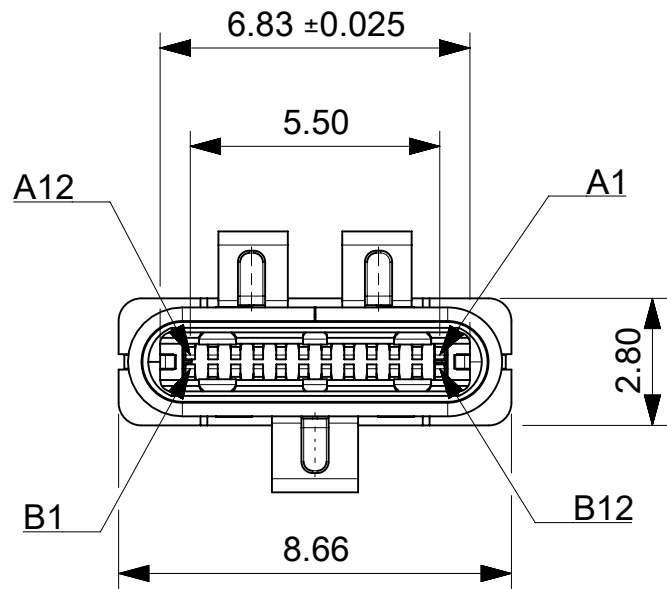




- NOTE:
- 1.MATERIAL SPECIFICATION:
- 1-1.HOUSING&PICKUP COVER:LCP,UL94 V-0.BLACK.
 - 1-2.CONTACTS: COPPER ALLOY.
 - 1-3.LATCH: STAINLESS STEEL(SUS301).
 - 1-4.SPRING: STAINLESS STEEL(SUS304).
 - 1-5.FRONT SHELL: STAINLESS STEEL(SUS304).
- 2.PLATING SPECIFICATION:
- 2-1.CONTACTS:
Ni 50u" MIN. UNDER PLATED OVER ALL.
CONTACT AREA Au PLATING 1u"
PLATING SPECIFICATIONS OF THE SOLDERING AREA Sn 80u".
 - 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	DIMENSION UNITS		SCALE		CURRENT REV DESC:					molex					
	mm		6:1												
	FE = 1	GENERAL TOLERANCES (UNLESS SPECIFIED)								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					USB TYPE C PLUG VERTICAL SMT 24PIN
FD = 0	ANGULAR TOL ± 3.0 °														
DIVISIONAL SYMBOLS	4 PLACES ±				PRODUCT CUSTOMER DRAWING										
	3 PLACES ±														
	2 PLACES ± 0.25														
	1 PLACE ±														
0 PLACES ±				DOCUMENT NUMBER					DOC TYPE		DOC PART		REVISION		
				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	

