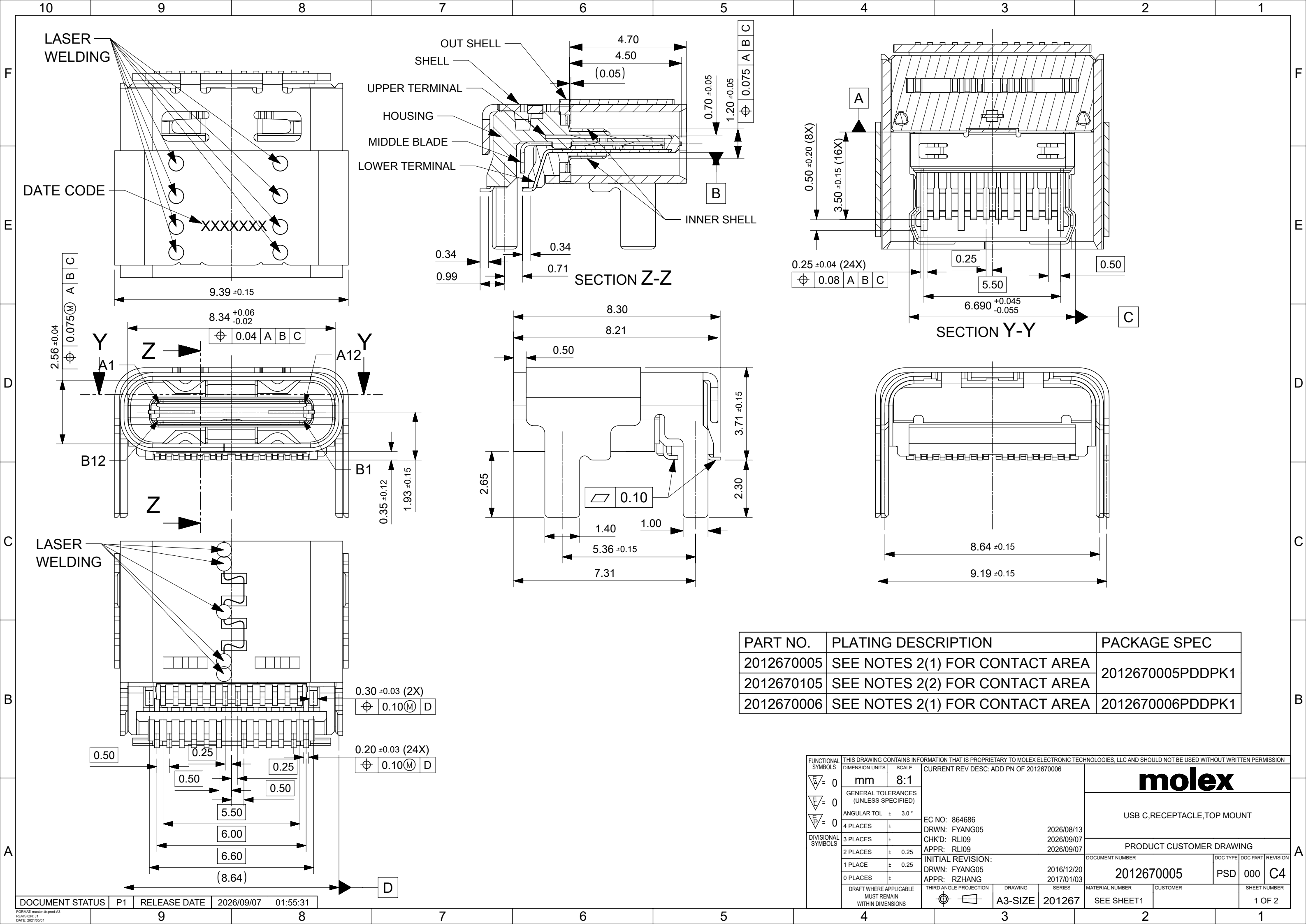
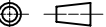
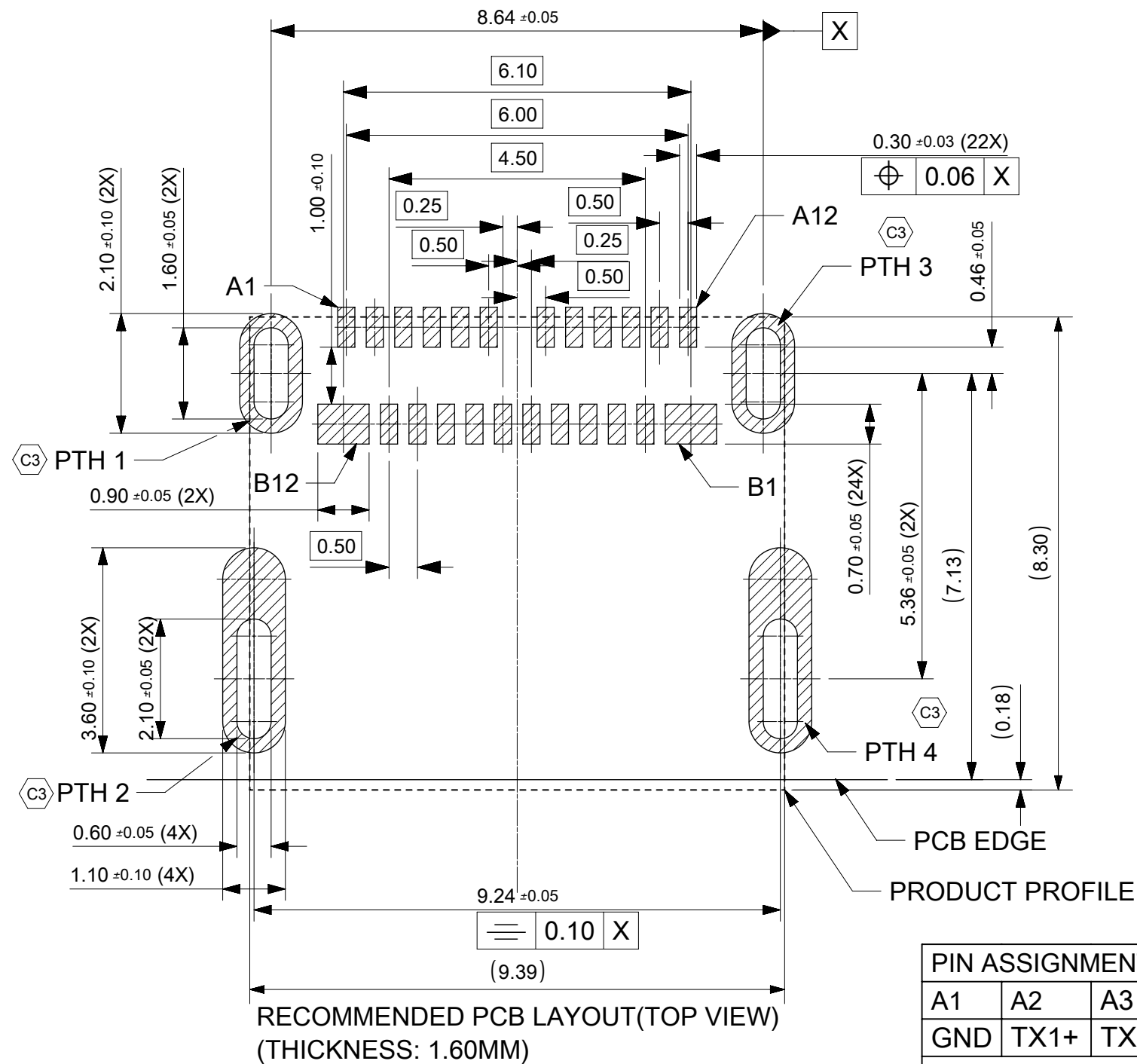




PART NO.	PLATING DESCRIPTION	PACKAGE SPEC
2012670005	SEE NOTES 2(1) FOR CONTACT AREA	2012670005PDDPK1
2012670105	SEE NOTES 2(2) FOR CONTACT AREA	
2012670006	SEE NOTES 2(1) FOR CONTACT AREA	2012670006PDDPK1

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																			
FUNCTIONAL SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC: ADD PN OF 2012670006				molex									
		mm		8:1															
		GENERAL TOLERANCES (UNLESS SPECIFIED)																	
		ANGULAR TOL ± 3.0°																	
		DIVISIONAL SYMBOLS																	
$\nabla A = 0$		4 PLACES		±		EC NO: 864686		2026/08/13		USB C,RECEPTACLE,TOP MOUNT									
$\nabla E = 0$		3 PLACES		±		DRWN: FYANG05													
$\nabla F = 0$		2 PLACES		± 0.25		CHK'D: RLI09													
		1 PLACE		± 0.25		APPR: RLI09		2026/09/07		PRODUCT CUSTOMER DRAWING									
		0 PLACES		±		INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION			
						DRWN: FYANG05				2016/12/20		2012670005		PSD		000		C4	
						APPR: RZHANG				2017/01/03									
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
								A3-SIZE		201267		SEE SHEET1				1 OF 2			

DOCUMENT STATUS	P1	RELEASE DATE	2026/09/07	01:55:31
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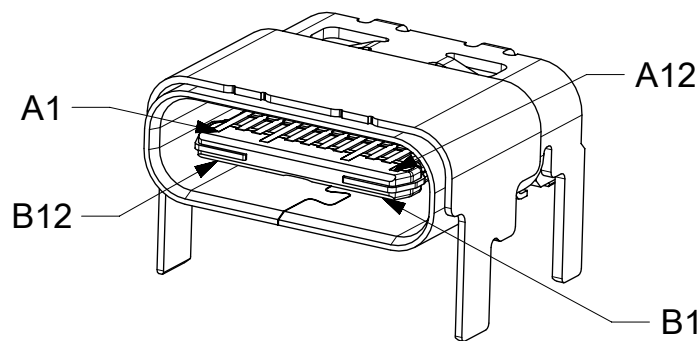


NOTES:

- MATERIAL,**
HOUSING: NYLON WITH GLASS FILLED, BLACK, UL94V-0.
TERMINALS: COPPER ALLOY
SHELL: STAINLESS STEEL;
OUTTER SHELL: STAINLESS STEEL;
INNER SHELL: STAINLESS STEEL;
MIDDLE BLADE: STAINLESS STEEL;
- PLATING:**
TERMINAL: CONTACT AREA:
(1) 0.76 MICROMETER MIN. GOLD PLATING
(2) GOLD FLASH OVER 0.76 MICROMETER NIN PALLADIUM/NICKEL PLATING
SOLDER TAIL: 0.05 MICROMETER MIN. GOLD PLATING
UNDER PLATING: 2 MICROMETER MIN. NICKEL PLATING OVERALL
SHELL: 1 MICROMETR MIN. SOLDERABLE NICKEL PLATING OVERALL
INNER SHELL: CLEANING
MIDDLE BLADE: 2 MICROMETER MIN. TIN PLATING OVER THE SOLDER TAIL
AND 1 MICROMETER NICKEL PLATING OVERALL
- PRODUCT SPEC REFER TO PS-201267-001.
- PACKAGE SPEC :SEE TABLE IN SHEET1.
- COPLANARITY OF SMT PINS SOLDER TAIL IS 0.10 MAX.
BEFORE AND AFTER REFLOW
- T/H SOLDER TAIL POSITION BE CONTROLLED BY GAUGE
- LASER WELDING POINT FOR REFERENCE
- PRODUCT COMPLIANT TO ROHS DIERTIVE 2011/65/EU
AND ELV DIRECTIVE 2000/53/EC
- DATE CODE: XX XX XX XX
YEAR MONTH DATE HOUR

PIN ASSIGNMENT FOR DIRECT CONNECT APPLICATIONS

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	BLADE	SHELL
GND	TX1+	TX1-	VBUS	CC1	D+	D-	SBU1	VBUS	RX2-	RX2+	GND	GROUND	GROUND
GND	RX1+	RX1-	VBUS	SBU2	D-	D+	CC2	VBUS	TX2-	TX2+	GND		
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1		



FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
	DIMENSION UNITS		SCALE	CURRENT REV DESC: ADD PN OF 2012670006			molex					
F A = 0	mm		10:1									
F E = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			USB C, RECEPTACLE, TOP MOUNT								
F E = 0	ANGULAR TOL ± 3.0 °											
DIVISIONAL SYMBOLS	4 PLACES	±	EC NO: 864686 DRWN: FYANG05 2026/08/13 CHK'D: RLI09 2026/09/07 APPR: RLI09 2026/09/07									
	3 PLACES	±										
	2 PLACES	± 0.25	PRODUCT CUSTOMER DRAWING									
	1 PLACE	± 0.25										
	0 PLACES	±	DOCUMENT NUMBER 2012670005 DOC TYPE PSD DOC PART 000 REVISION C4									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
					A3-SIZE	201267	SEE SHEET1				2 OF 2	