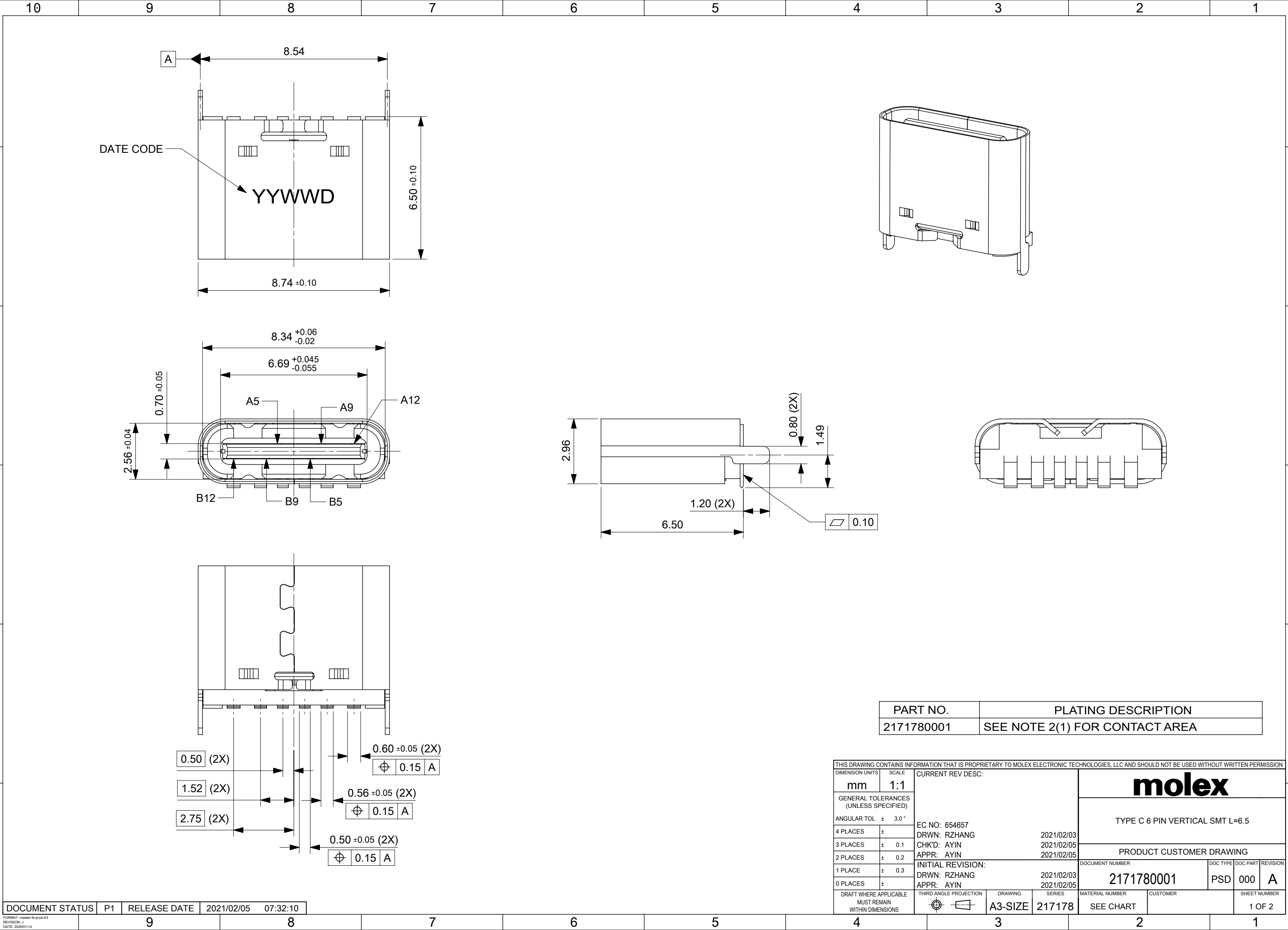




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FORMAT: master-B-prod-A3
REVISION: J
DATE: 2020/01/14

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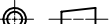
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DOCUMENT STATUS	P1	RELEASE DATE	2021/02/05	07:32:10
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PART NO.	PLATING DESCRIPTION
2171780001	SEE NOTE 2(1) FOR CONTACT AREA

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:				molex			
mm		1:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)				TYPE C 6 PIN VERTICAL SMT L=6.5							
ANGULAR TOL ± 3.0°											
4 PLACES		±								EC NO: 654657	
3 PLACES		± 0.1								DRWN: RZHANG 2021/02/03	
2 PLACES		± 0.2								CHK'D: AYIN 2021/02/05	
1 PLACE		± 0.3		APPR: AYIN 2021/02/05		PRODUCT CUSTOMER DRAWING					
0 PLACES		±		INITIAL REVISION:		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
				DRWN: RZHANG 2021/02/03		2171780001		PSD	000	A	
				APPR: AYIN 2021/02/05							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
						A3-SIZE		217178		SEE CHART	
								CUSTOMER		SHEET NUMBER	
										1 OF 2	

NOTES:

1.MATERIAL SPECIFICATION:

1.1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,
UL94 V-0.

1.2.CONTACTS:COPPER ALLOY

1.3.MIDDLE CLIP: STAINLESS STEEL

1.4.SHELL: STAINLESS STEEL

2.PLATING:

2.1 TERMINAL:OVERALL PLATING Ni BASE 50u' MIN.

FUNCTIONAL AREA Au PLATING G/F

SOLDER AREA Au PLATING G/F

2.2. SHELL: SOLDERABLE NICKEL 50u' PLATING OVERALL.

2.3.MIDDLE CLIP :CLEANING

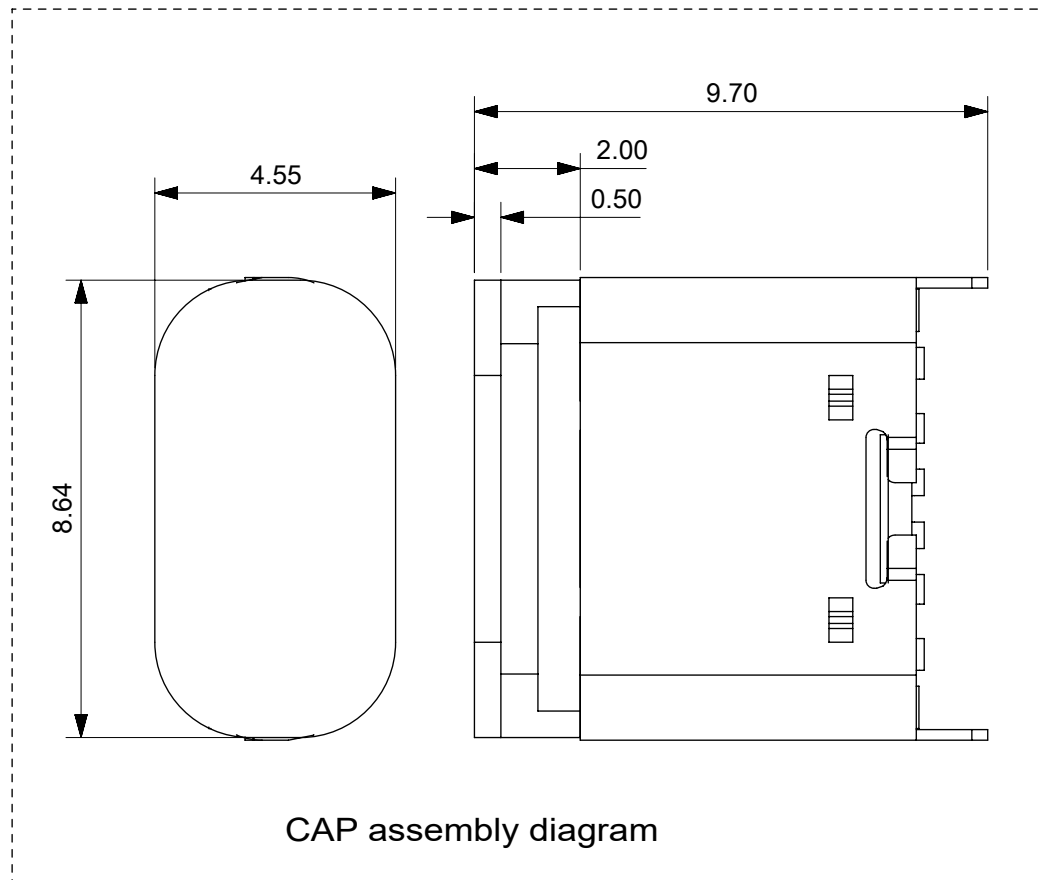
3. PRODUCT SPEC: 2171750001

4. PACKAGE SPEC: 2171780001PDDPK1

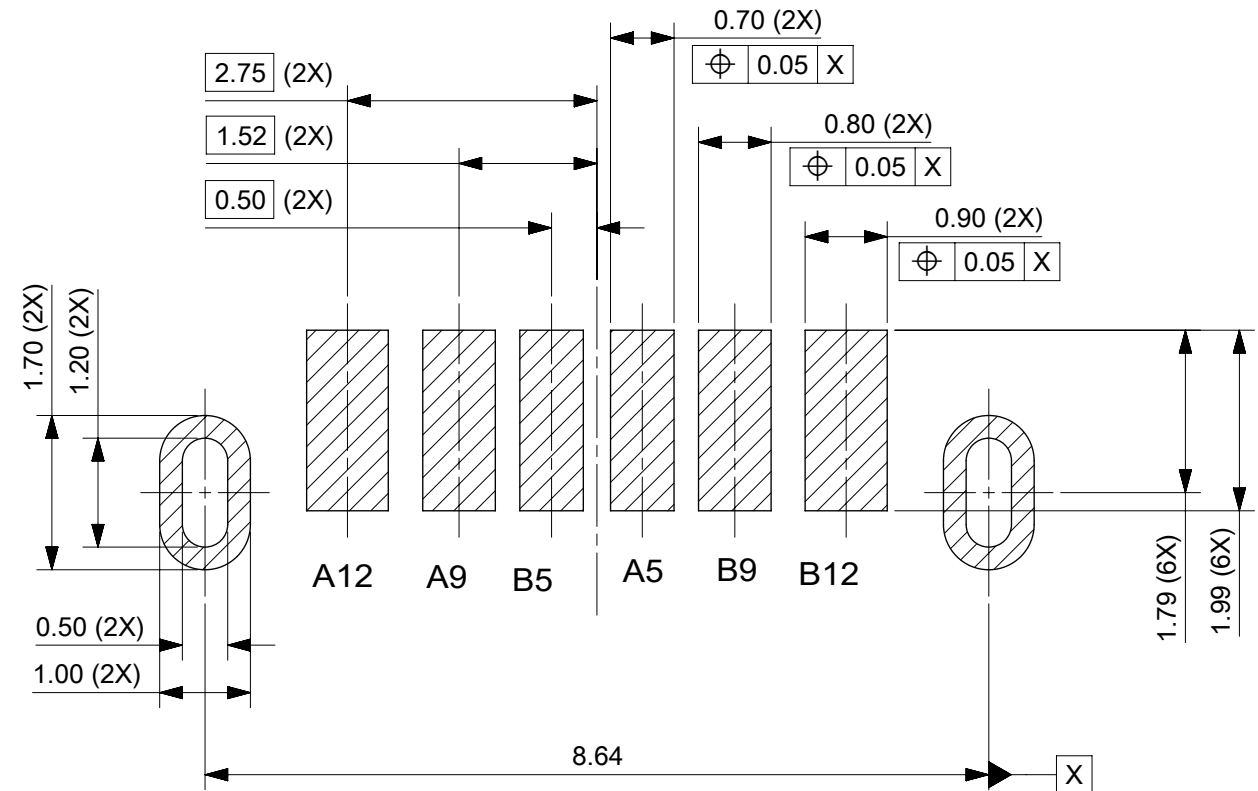
5. PRODUCT COMPLANT TO ROHS DIRECTIVE 2011/95/EU

6. PLEASE CONTACT YOUR SALES REPRESENTATIVE IF
INTENDED FOR AUTOMOTIVE

7. DATE CODE: YY WW D
YEAR WEEK DAY



CAP assembly diagram



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.80MM;DEFAULT TOLERANCE:±0.05

A5	CC1	B12	GND
A9	VBUS	B9	VBUS
A12	GND	B5	CC2
PIN	SIGNAL NAME	PIN	SIGNAL NAME

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DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex							
mm		1:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)				TYPE C 6 PIN VERTICAL SMT L=6.5											
ANGULAR TOL ± 3.0 °															
4 PLACES		±								EC NO: 654657		2021/02/03			
3 PLACES		± 0.1								DRWN: RZHANG		2021/02/05			
2 PLACES		± 0.2								CHK'D: AYIN		2021/02/05			
1 PLACE		± 0.3								APPR: AYIN		2021/02/05			
0 PLACES		±								INITIAL REVISION:		PRODUCT CUSTOMER DRAWING			
DRWN: RZHANG 2021/02/03				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION					
APPR: AYIN 2021/02/05				2171780001		PSD		000		A					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		217178		SEE CHART				2 OF 2	