

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		CURRENT REV DESC:		<b>molex</b>	
DIMENSION UNITS	SCALE				
mm	1:1			TYPE C 6 PIN VERTICAL SMT L=6.5	
GENERAL TOLERANCES (UNLESS SPECIFIED)				PRODUCT CUSTOMER DRAWING	
ANGULAR TOL	± 3.0°			DOCUMENT NUMBER	
4 PLACES	±	EC NO: 657457	2021/03/19	2171780001	
3 PLACES	± 0.1	DRWN: RZHANG	2021/04/06	DOC TYPE	DOC PART
2 PLACES	± 0.2	CHK'D: AYIN	2021/02/03	PSD	000
1 PLACE	± 0.3	APPR: AYIN	2021/02/05	REVISION	A1
0 PLACES	±	INITIAL REVISION:			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER
			A3-SIZE	217178	CUSTOMER
				SEE CHART	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: 50u' NICKEL PLATING ON SOLDERING AREA.

2.3.MIDDLE CLIP :CLEANING

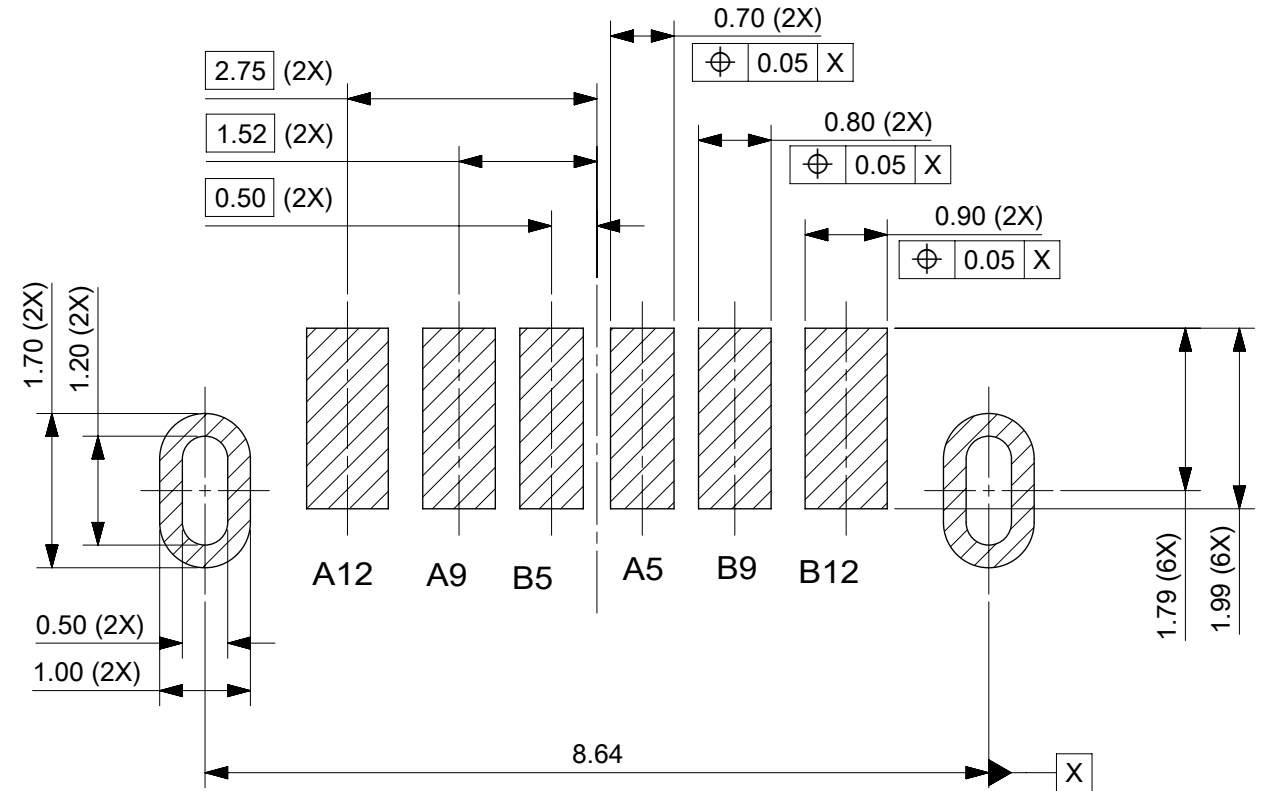
3. PRODUCT SPEC: 2171750001

4. PACKAGE SPEC: 2171780001PDDPK1

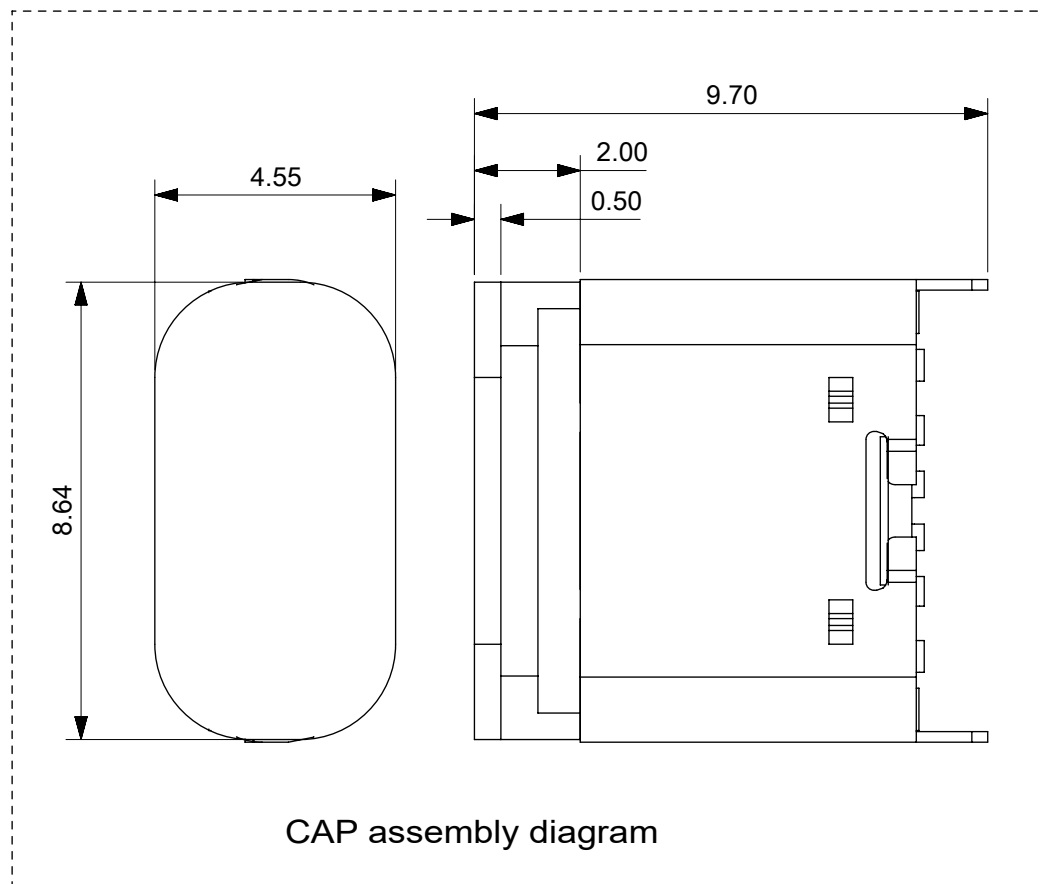
5. PRODUCT COMPLANT TO ROHS DIRECTIVE 2011/95/EU

6. PLEASE CONTACT YOUR SALES REPRESENTATIVE IF INTENDED FOR AUTOMOTIVE

7. DATE CODE: YY WW D  
YEAR WEEK DAY



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



CAP assembly diagram

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

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mm		1:1	<p><b>molex</b></p> <p>TYPE C 6 PIN VERTICAL SMT L=6.5</p> <p>PRODUCT CUSTOMER DRAWING</p> <p>DOCUMENT NUMBER: 2171780001</p> <p>DOC TYPE: PSD</p> <p>DOC PART: 000</p> <p>REVISION: A1</p>			
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ANGULAR TOL	± 3.0 °					
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0 PLACES	±		<p>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</p>			
THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
		A3-SIZE	217178	SEE CHART		2 OF 2