

PART NO.	PLATING DESCRIPTION
2171770001	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: 1.CHANGE PCB LAYOUT IN SHEET 2.;2.ASSEMBLY O-RING ONTO TYPE C.		<b>molex</b>	
DIMENSION UNITS	SCALE				
mm	1:1			TYPE C 6 PIN MIDDLE MOUNT SMT WATERPROOF	
GENERAL TOLERANCES (UNLESS SPECIFIED)				PRODUCT CUSTOMER DRAWING	
ANGULAR TOL ± 3.0°				DOCUMENT NUMBER	
4 PLACES ±	EC NO: 701020			2171770001	
3 PLACES ± 0.1	DRWN: FYANG05	2022/03/28			DOC TYPE
2 PLACES ± 0.2	CHK'D: RLI09	2022/03/30			DOC PART
1 PLACE ± 0.3	APPR: RLI09	2022/03/30			REVISION
0 PLACES ±	INITIAL REVISION:			B	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN: RZHANG	2021/02/01		
THIRD ANGLE PROJECTION		APPR: AYIN	2021/02/05		
DRAWING		SERIES	MATERIAL NUMBER	CUSTOMER	
A3-SIZE		217177	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
- 1.5.WATERPROOF RING: SILICON

2.PLATING:

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

FUNCTIONAL AREA Au PLATING G/F

SOLDER AREA MATTE TIN PLATING 50u' MIN.

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

2.3. COVER SHELL: PLATING NICKEL 50u' ON SOLDERING AREA.

2.4. MIDDLE CLIP: CLEANING

3.WATERPROOF LEVEL: IPX5

4. PRODUCT SPEC: 2171760001

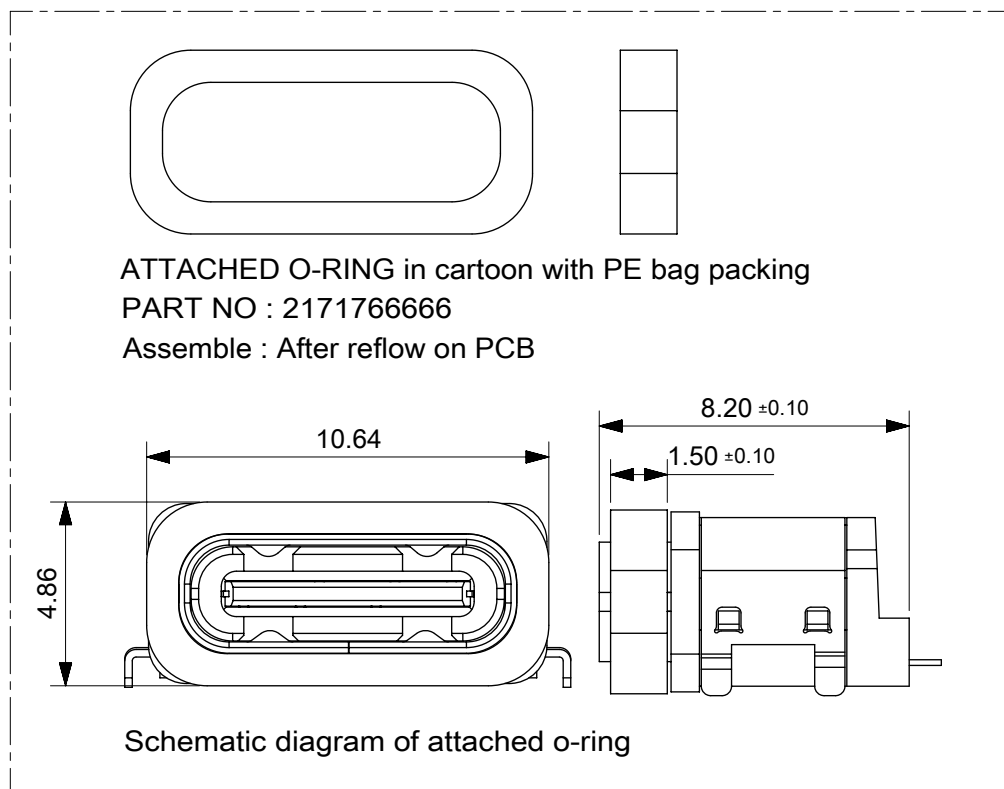
5. PACKAGE SPEC: 2171770001PDDPK1

6. PRODUCT COMPLIANT TO ROHS DIRECTIVE 2011/95/EU

7. PLEASE CONTACT YOUR SALES REPRESENTATIVE IF INTENDED FOR AUTOMOTIVE

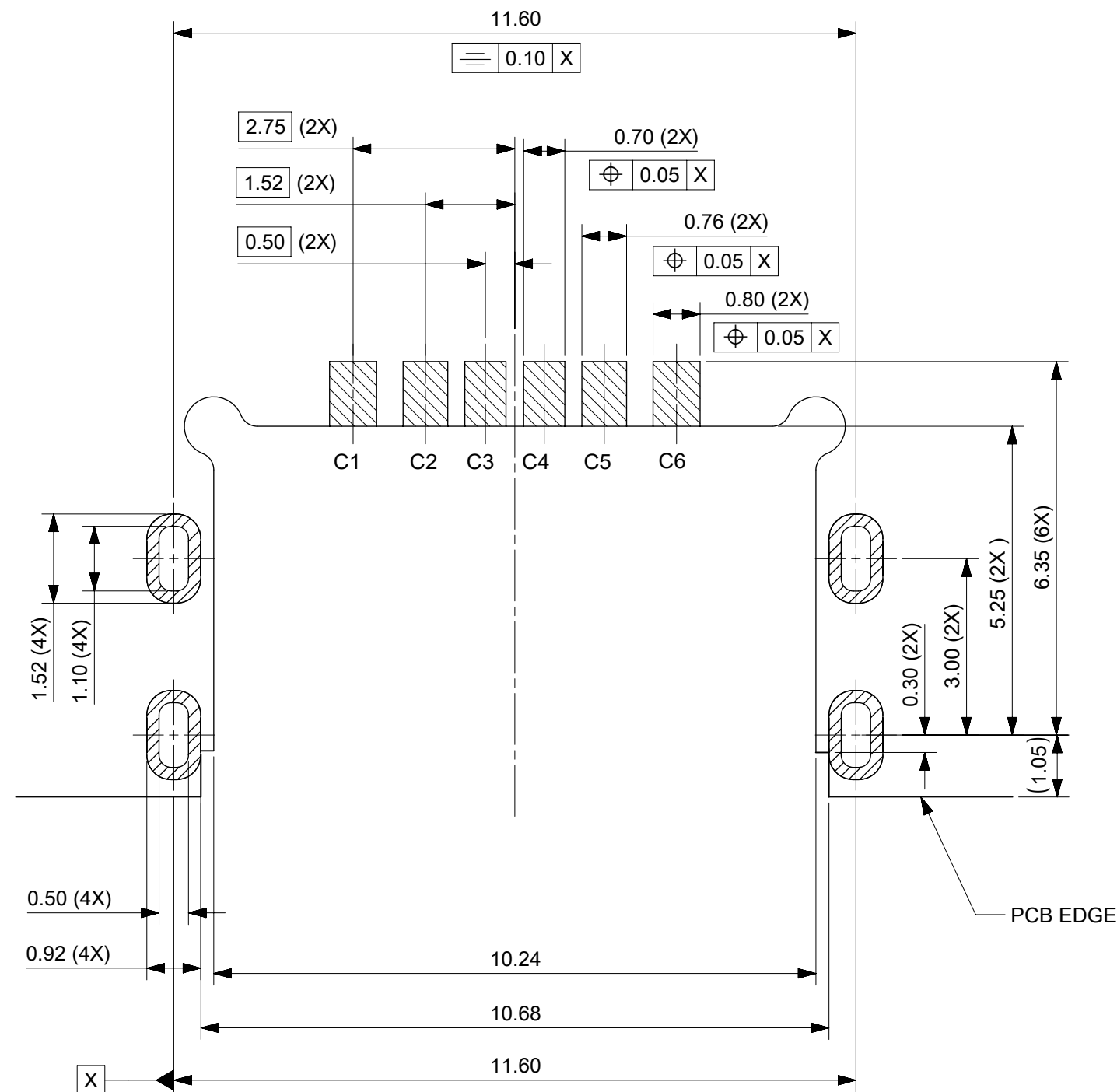
8. DATE CODE: YY WW D

YEAR WEEK DAY



PIN ASSIGNMENT

PIN NO.	A1&B12	A4&B9	A5	B5	A9&B4	A12&B1
SIGNAL NAME	GND	VBUS	CC1	CC2	VBUS	GND
PCB PAD NO.	C1	C2	C3	C4	C5	C6



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0 PLACES	±	INITIAL REVISION:	MATERIAL NUMBER CUSTOMER SHEET NUMBER		
		DRWN: RZHANG 2021/02/01	SEE CHART		
		APPR: AYIN 2021/02/05	2 OF 2		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	SHEET NUMBER	
		A3-SIZE	217177	2 OF 2	