

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											
DIMENSION UNITS	SCALE	CURRENT REV DESC: 1.CHANGE PCB LAYOUT IN SHEET 2.;2.ASSEMBLY O-RING ONTO TYPE C.									
mm	1:1										
GENERAL TOLERANCES (UNLESS SPECIFIED)											
ANGULAR TOL ± 3.0°		TYPE C 6 PIN MIDDLE MOUNT SMT WATERPROOF									
4 PLACES ±	EC NO: 701020	DRWN: FYANG05						2022/03/28			
3 PLACES ± 0.1	CHK'D: RLI09	APPR: RLI09						2022/03/30			
2 PLACES ± 0.2	INITIAL REVISION:		DOCUMENT NUMBER						DOC TYPE	DOC PART	REVISION
1 PLACE ± 0.3	DRWN: RZHANG		2171770001						PSD	000	B
0 PLACES ±	APPR: AYIN		2021/02/05						SHEET NUMBER		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SEE CHART			
			A3-SIZE	217177			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

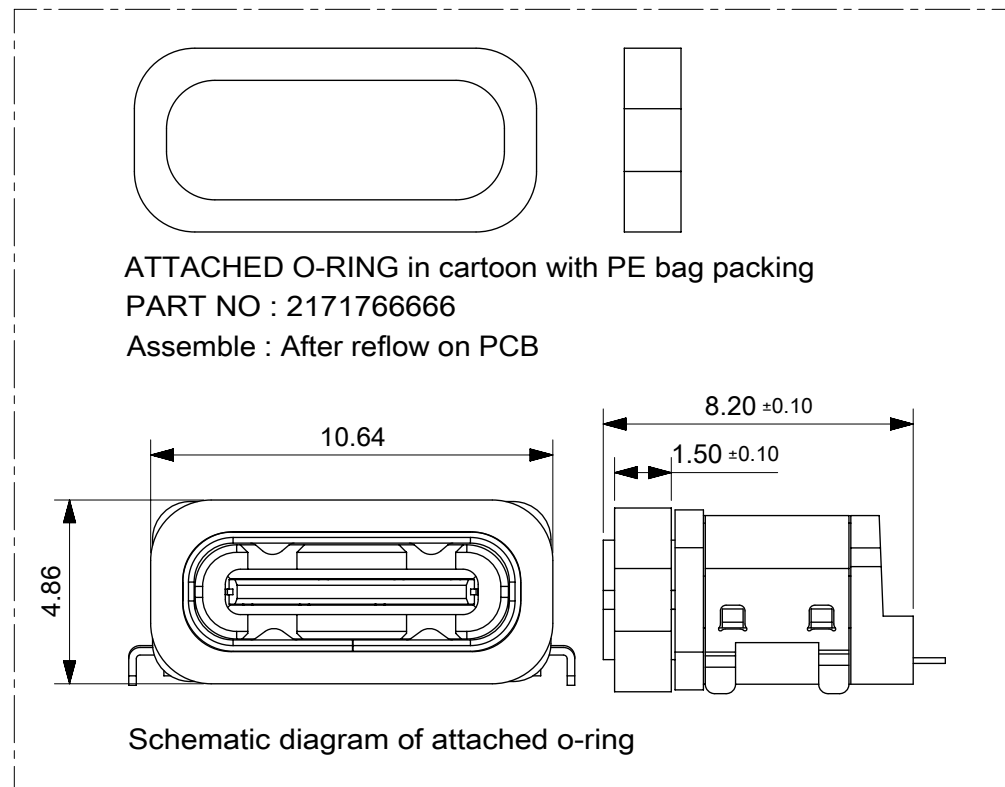
5. PACKAGE SPEC: 2171770001PDDPK1

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

7. PLEASE CONTACT YOUR SALES REPRESENTATIVE IF INTENDED FOR AUTOMOTIVE

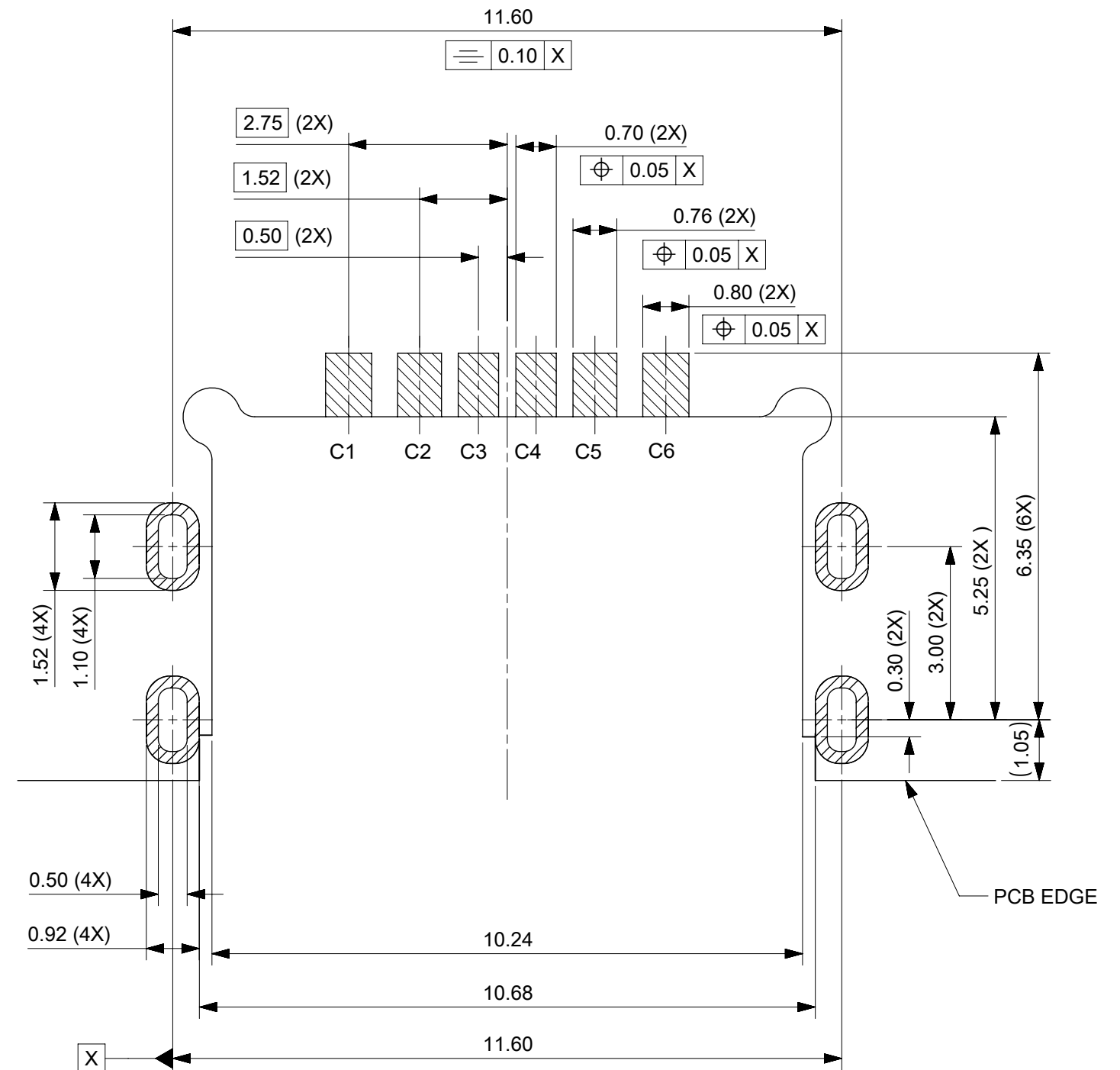
8. DATE CODE: YY WW D

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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DIMENSION UNITS mm		SCALE 1:1		CURRENT REV DESC: 1.CHANGE PCB LAYOUT IN SHEET 2.;2.ASSEMBLY O-RING ONTO TYPE C.						
GENERAL TOLERANCES (UNLESS SPECIFIED)				molex						
ANGULAR TOL ± 3.0 °										
4 PLACES ±				EC NO: 701020		TYPE C 6 PIN MIDDLE MOUNT SMT WATERPROOF				
3 PLACES ± 0.1				DRWN: FYANG05		2022/03/28				
2 PLACES ± 0.2				CHK'D: RLI09		2022/03/30				
1 PLACE ± 0.3				APPR: RLI09		2022/03/30				
0 PLACES ±				INITIAL REVISION:		PRODUCT CUSTOMER DRAWING				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRWN: RZHANG		DOCUMENT NUMBER		DOC TYPE		DOC PART
THIRD ANGLE PROJECTION				APPR: AYIN		2171770001		PSD		000
DRAWING				SERIES		MATERIAL NUMBER		CUSTOMER		REVISION
A3-SIZE				217177		SEE CHART				B
SHEET NUMBER				2 OF 2						