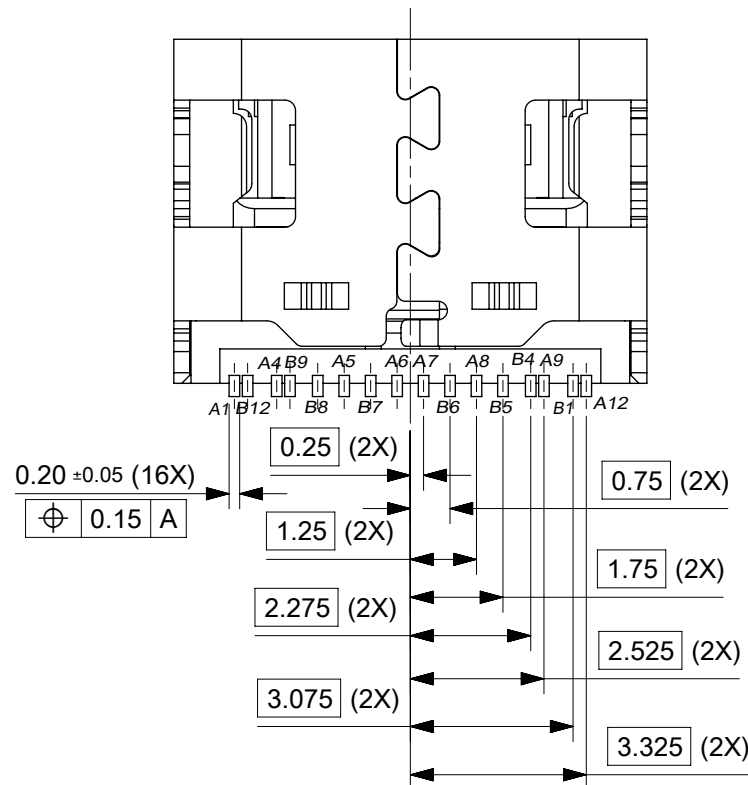


AFTER MATING



PART NO.	PLATING DESCRIPTION
2171790001	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:				<div>molex</div>				
mm		1:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)			EC NO: 657457 DRWN: RZHANG2021/03/19 CHK'D: AYIN2021/04/06 APPR: AYIN2021/04/06				TYPE C 16 PIN TOP MOUNT SMT				
ANGULAR TOL ± 3.0°											
4 PLACES		±									
3 PLACES		± 0.1									
2 PLACES		± 0.2	INITIAL REVISION: DRWN: RZHANG2021/01/19 APPR: AYIN2021/02/05				PRODUCT CUSTOMER DRAWING				
1 PLACE		± 0.3					DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
0 PLACES		±					2171790001		PSD	000	A1
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				A3-SIZE	217179	SEE CHART				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: 2169900001

4. PACKAGE SPEC: 2171790001PDDPK1

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

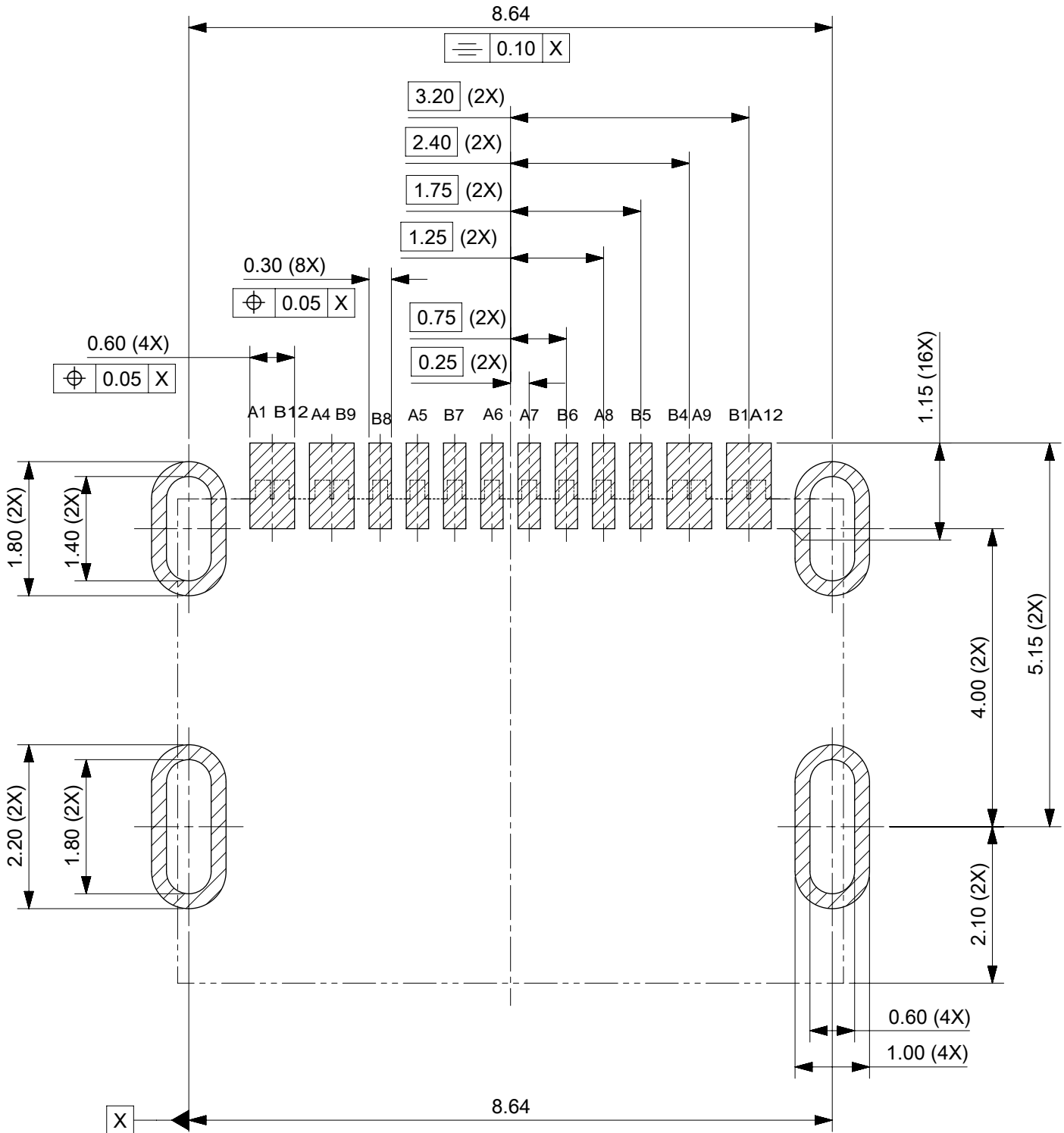
6. PLEASE CONTACT YOUR SALES REPRESENTATIVE IF INTENDED FOR AUTOMOTIVE

7. DATE CODE: YY WW D

YEAR WEEK DAY

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND



RECOMMENDED PCB LAYOUT(TOP VIEW)

THICKNESS 0.60MM;DEFAULT TOLERANCE:±0.05

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:				<div>molex</div>							
mm		1:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 657457 DRWN: RZHANG 2021/03/19 CHK'D: AYIN 2021/04/06 APPR: AYIN 2021/04/06 INITIAL REVISION: DRWN: RZHANG 2021/01/19 APPR: AYIN 2021/02/05				TYPE C 16 PIN TOP MOUNT SMT							
ANGULAR TOL ± 3.0 °															
4 PLACES ±								PRODUCT CUSTOMER DRAWING							
3 PLACES ± 0.1															
2 PLACES ± 0.2															
1 PLACE ± 0.3				DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION			
0 PLACES ±				2171790001				PSD		000		A1			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		217179		SEE CHART				2 OF 2	

DOCUMENT STATUS	P1	RELEASE DATE	2021/04/06	04:58:59
-----------------	----	--------------	------------	----------