

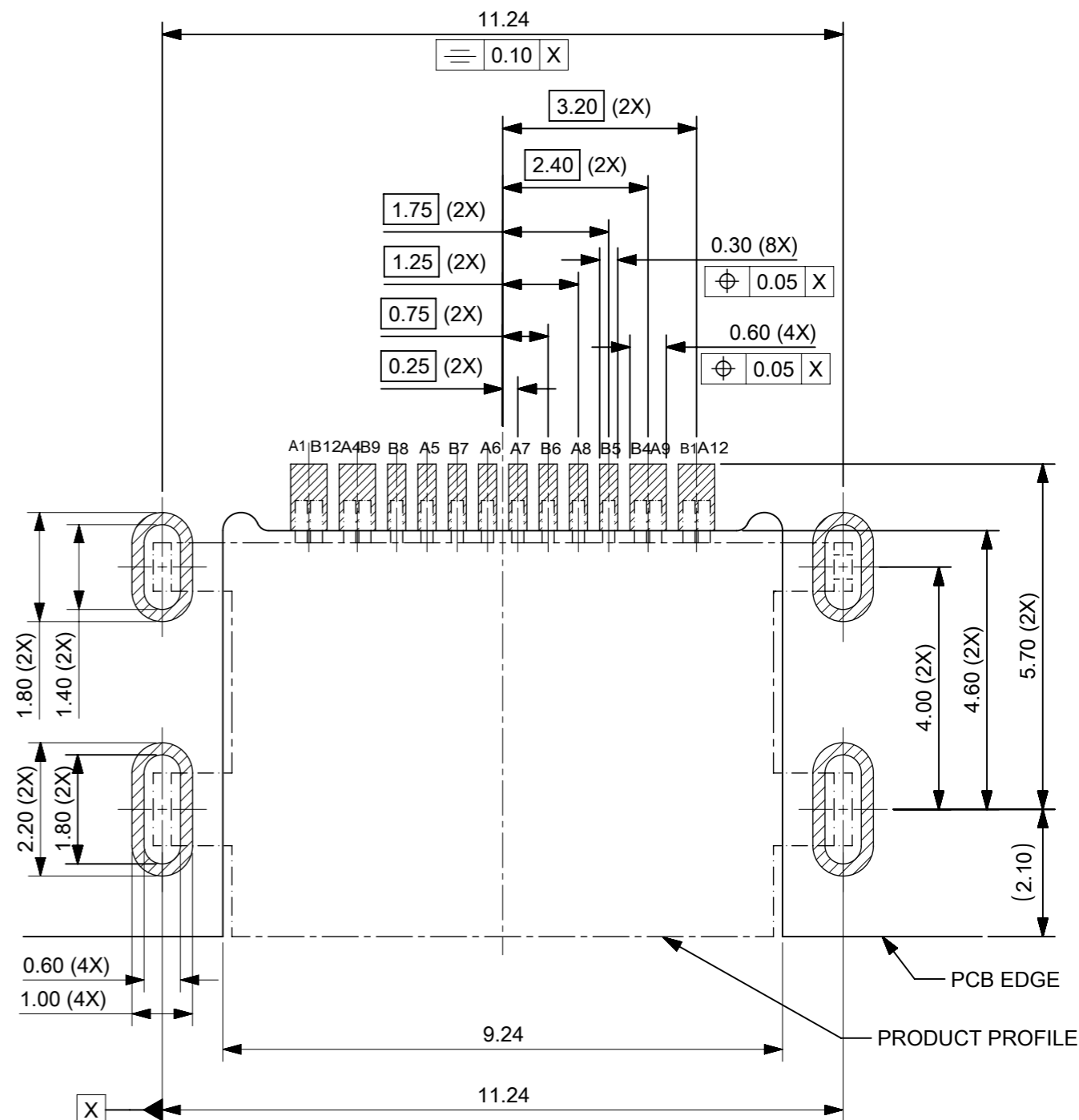
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex	
mm		1:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 657457				TYPE C 16 PIN MIDDLE MOUNT SINK 2.1	
ANGULAR TOL ± 3.0°				DRWN: RZHANG				2021/03/18	
4 PLACES ±				CHK'D: AYIN				2021/04/06	
3 PLACES ± 0.1				APPR: AYIN				2021/04/06	
2 PLACES ± 0.2				INITIAL REVISION:				DOCUMENT NUMBER	
1 PLACE ± 0.3				DRWN: RZHANG				2021/01/15	
0 PLACES ±				APPR: AYIN				2021/02/05	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	
				A3-SIZE		216990		MATERIAL NUMBER	
				SEE CHART		CUSTOMER		SHEET NUMBER	
						2169900001		PSD 000 A1	
						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: 2169900001PDDPK1
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 0.80MM;DEFAULT TOLERANCE:±0.05

PART NO.	PLATING DESCRIPTION
2169900001	SEE NOTE 2(1) FOR CONTACT AREA

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ANGULAR TOL	± 3.0 °	DRWN: RZHANG 2021/03/18			PRODUCT CUSTOMER DRAWING				
4 PLACES	±	CHK'D: AYIN 2021/04/06			DOCUMENT NUMBER				
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1 PLACE	± 0.3	DRWN: RZHANG 2021/01/15			PSD		000		A1
0 PLACES	±	APPR: AYIN 2021/02/05			MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES	SEE CHART		2 OF 2	