

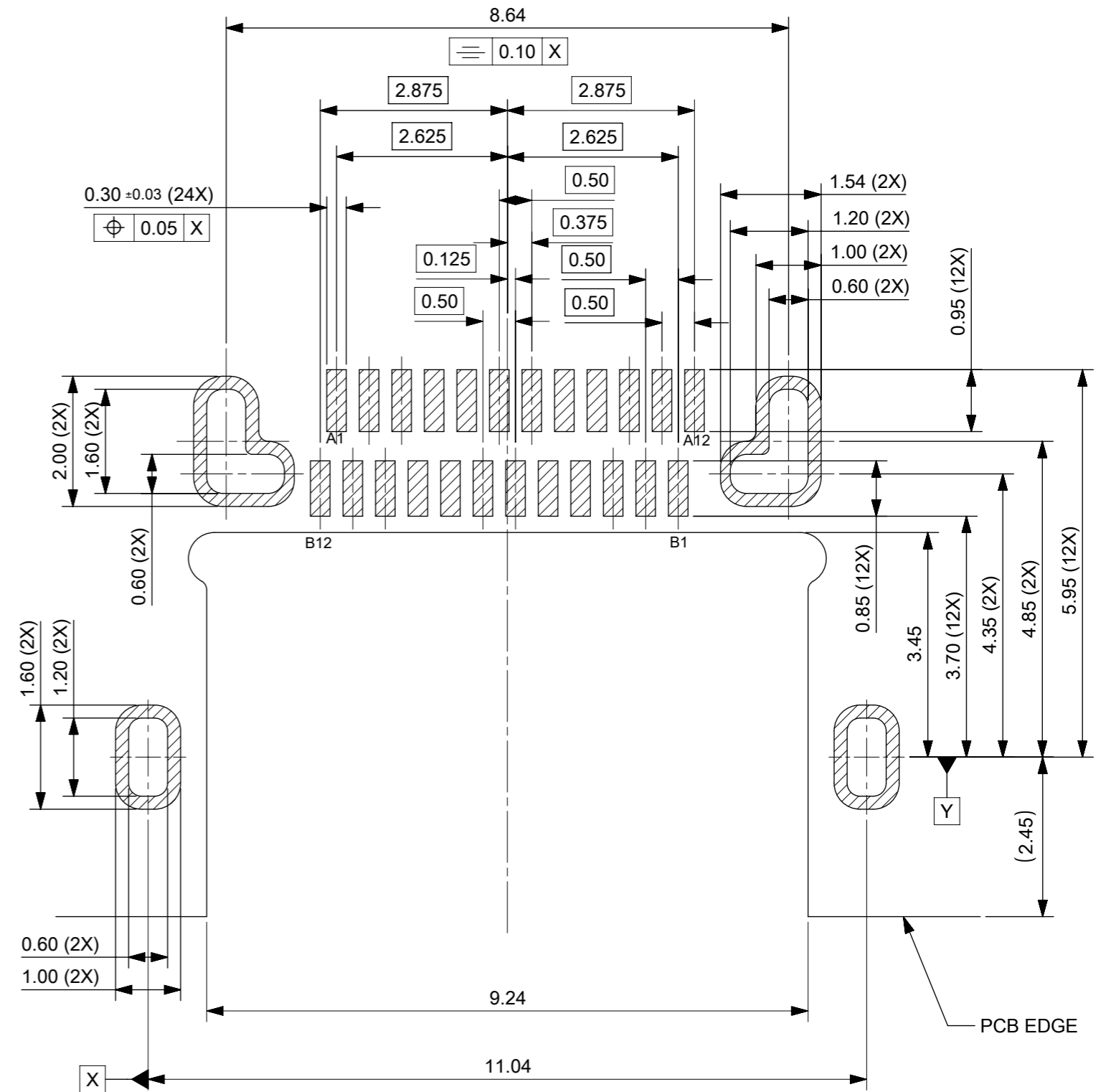
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex	
mm		1:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL ± 3.0°									
4 PLACES ±									
3 PLACES ± 0.1									
2 PLACES ± 0.2									
1 PLACE ± 0.3									
0 PLACES ±									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	
				A3-SIZE		217184			
EC NO: 657457				DRWN: RZHANG		2021/03/19		TYPE C 24 PIN MIDDLE MOUNT SMT SINK 0.80	
CHK'D: AYIN				APPR: AYIN		2021/04/06			
INITIAL REVISION:				DRWN: RZHANG		2021/01/25		PRODUCT CUSTOMER DRAWING	
				APPR: AYIN		2021/02/05			
DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION	
2171840001				PSD		000		A1	
MATERIAL NUMBER				CUSTOMER		SHEET NUMBER			
2171840001						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. EMI: 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. EMI: CLEANING.
 - 2.4. MIDDLE CLIP : 50u' MIN. NICKEL PLATING OVERALL
80u' MIN. TIN PLATING OVER NICKEL
3. PRODUCT SPEC: 2169900001
4. PACKAGE SPEC: 2171840001PDDPK1
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
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND



RECOMMENDED PCB LAYOUT (TOP VIEW)
THICKNESS 0.60MM;DEFAULT TOLERANCE:±0.05

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0 PLACES ±		2171840001		2 OF 2	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	CUSTOMER
			A3-SIZE	217184	