

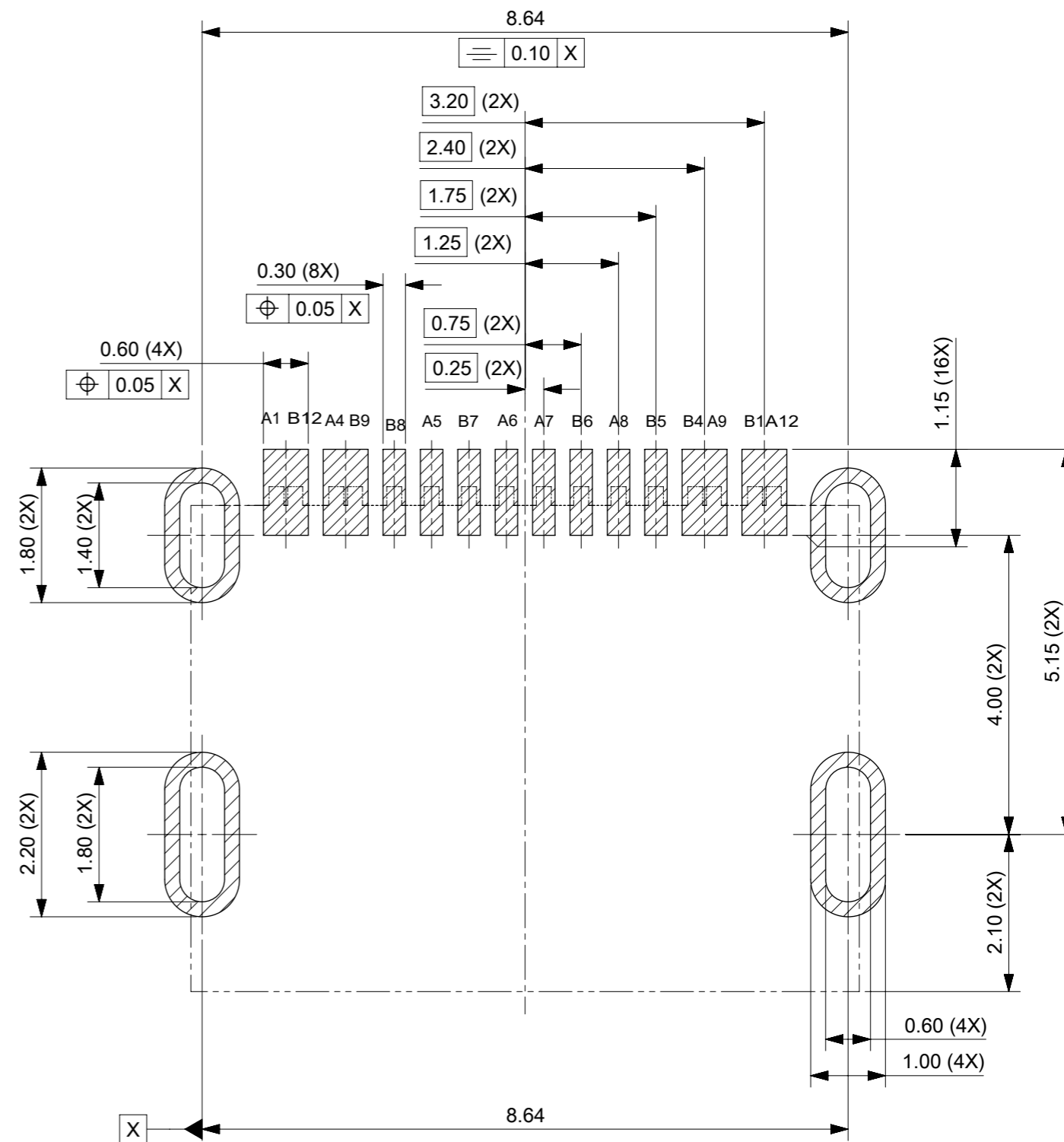
PART NO. 2171790001	PLATING DESCRIPTION SEE NOTE 2(1) FOR CONTACT AREA
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THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		molex	
DIMENSION UNITS mm	SCALE 1:1				
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 657457		TYPE C 16 PIN TOP MOUNT SMT	
ANGULAR TOL ± 3.0°		DRWN: RZHANG 2021/03/19		PRODUCT CUSTOMER DRAWING	
4 PLACES ±		CHK'D: AYIN 2021/04/06		DOCUMENT NUMBER	
3 PLACES ± 0.1		APPR: AYIN 2021/02/05		2171790001	
2 PLACES ± 0.2		INITIAL REVISION:		DOC TYPE	
1 PLACE ± 0.3		DRWN: RZHANG 2021/01/19		PSD	
0 PLACES ±		APPR: AYIN 2021/02/05		DOC PART	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER
			A3-SIZE	217179	SEE CHART
				CUSTOMER	REVISION
					A1
					SHEET NUMBER
					1 OF 2

- NOTES:
- MATERIAL SPECIFICATION:
 - HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC, UL94 V-0.
 - CONTACTS: COPPER ALLOY
 - MIDDLE CLIP: STAINLESS STEEL
 - SHELL: STAINLESS STEEL
 - PLATING:
 - TERMINAL: OVERALL PLATING Ni BASE 50u' MIN.
FUNCTIONAL AREA Au PLATING G/F
SOLDER AREA Au PLATING G/F
 - SHELL: 50u' NICKEL PLATING ON SOLDERING AREA.
 - MIDDLE CLIP : CLEANING
 - PRODUCT SPEC: 2169900001
 - PACKAGE SPEC: 2171790001PDDPK1
 - PRODUCT COMPLIANT TO ROHS DIRECTIVE 2011/95/EU
 - PLEASE CONTACT YOUR SALES REPRESENTATIVE IF INTENDED FOR AUTOMOTIVE
 - 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

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								SHEET NUMBER	
								2 OF 2	