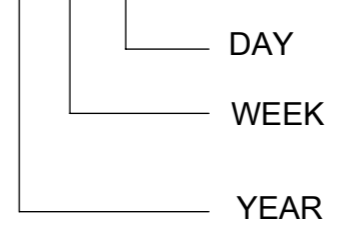


SECTION A-A

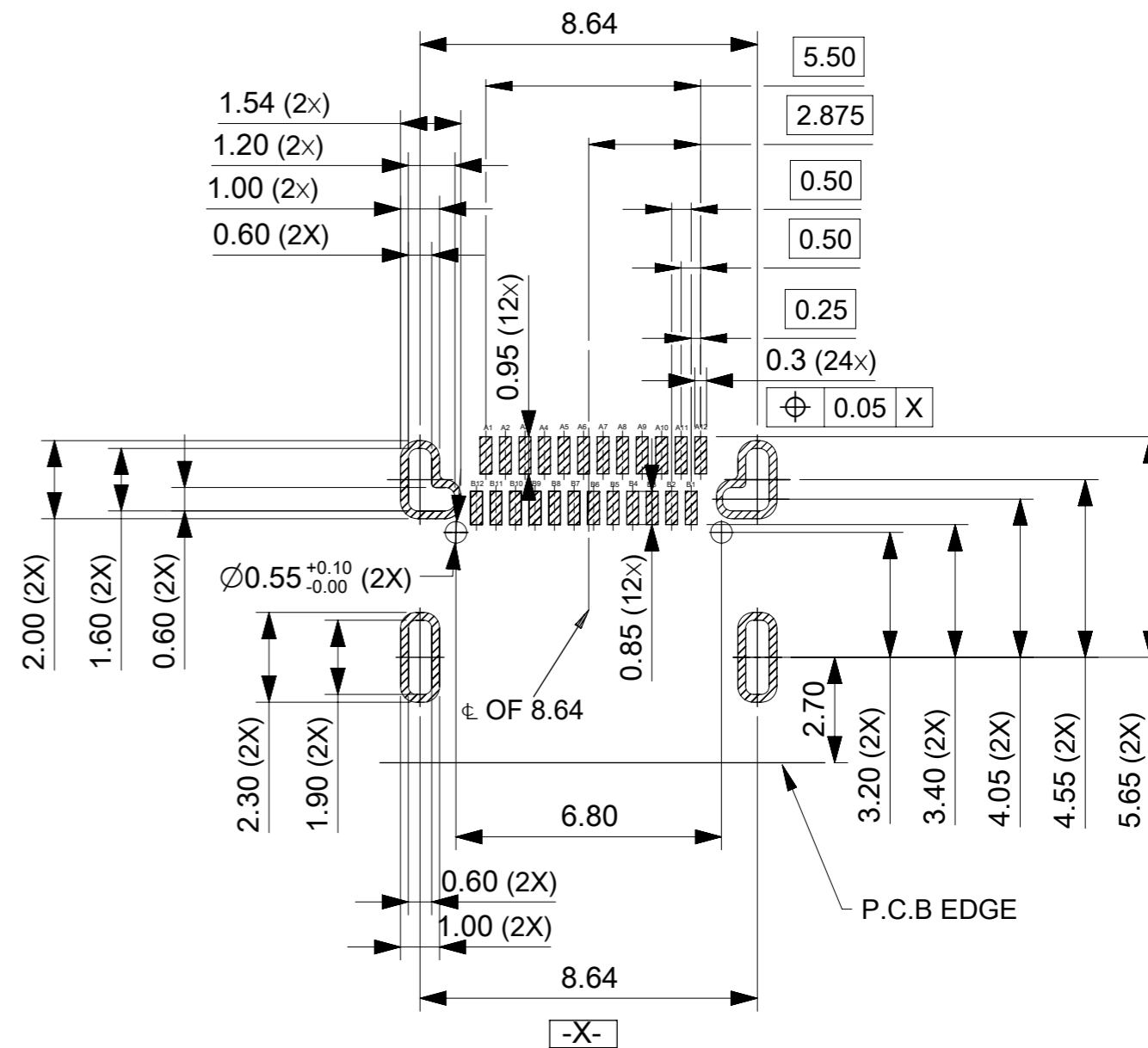
- NOTES:
- MATERIAL SPECIFICATION:
 - HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC, UL94 V-0.
 - CONTACTS: COPPER ALLOY
 - MIDDLE CLIP: STAINLESS STEEL
 - SHELL: STAINLESS STEEL
 - EMI: STAINLESS STEEL
 - PLATING:
 - TERMINAL: OVERALL PLATING Ni BASE 50u"~150u"
CONTACT AREA Au PLATING 1u"
SOLDERING AREA Au PLATING 1u"
 - SHELL: PLATING NICKEL 50u"~200u" ON SOLDERING AREA.
 - MIDDLE CLIP : Ni 50u" MIN. UNDER PLATED OVER ALL.
Sn 80u"MIN. PLATED OVER NICKEL
 - EMI: CLEANING
 - PRODUCT SPEC: PS-216990-001
 - PACKAGE SPEC: PDD_2216108888
 - PRODUCT COMPLIANCE TO ROHS DIRECTIVE 2011/65/EU
 - PLEASE CONTACT YOUR SALES REPRESENTATIVE IF INTENDED FOR AUTOMOTIVE
 - DATE CODE: Y WW D



FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	CURRENT REV DESC: FIRST RELEASED						
	DIMENSION UNITS: mm SCALE: 6:1 GENERAL TOLERANCES (UNLESS SPECIFIED): ANGULAR TOL ± 3.0° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.25 1 PLACE ± 0 PLACES ±	EC NO: 729710 DRWN: DARIEY CHK'D: RLI09 APPR: RLI09						2022/11/22 2022/11/29 2022/11/29
DIVISIONAL SYMBOLS	INITIAL REVISION:		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
	DRWN: DARIEY APPR: RLI09		2022/11/22 2022/11/29		2216100001 PSD 000		A	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		FIRST ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	
			A3-SIZE	221610	2216100001	GENERAL MARKET	1 OF 2	

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TXp1	B11	RXp1
A3	TXn1	B10	RXn1
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	RXn2	B3	TXn2
A11	RXp2	B2	TXp2
A12	GND	B1	GND



RECOMMENDED PCB LAYOUT(TOP VIEW)

PCB THICKNESS 0.60±0.05MM;PCB GENERAL TOLERANCE:±0.05

FUNCTIONAL SYMBOLS √A = 0 √E = 0 √V = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	CURRENT REV DESC: FIRST RELEASED		molex				
	DIMENSION UNITS: mm	SCALE: 6:1					USB TYPE C 24PIN TOP MOUNT WITH POST	
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 729710		2022/11/22			
	ANGULAR TOL ± 3.0°		DRWN: DARIEY		2022/11/29			
	4 PLACES ±		CHK'D: RLI09		2022/11/29			
	3 PLACES ±		APPR: RLI09		2022/11/29			
2 PLACES ± 0.25		INITIAL REVISION:		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
1 PLACE ±		DRWN: DARIEY		2216100001		PSD	000	A
0 PLACES ±		APPR: RLI09		2022/11/22				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		FIRST ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	
			A3-SIZE	221610	2216100001	GENERAL MARKET	2 OF 2	