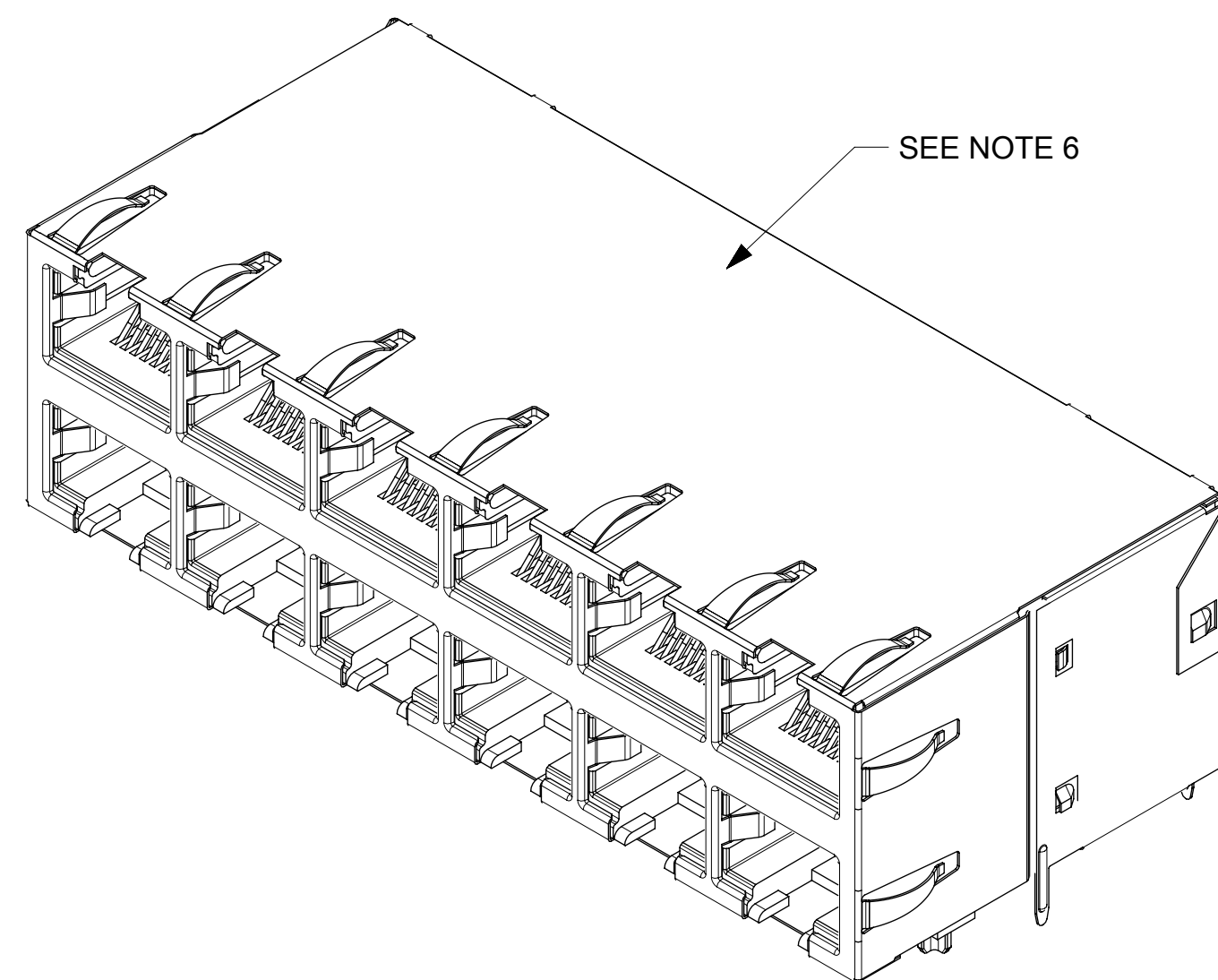
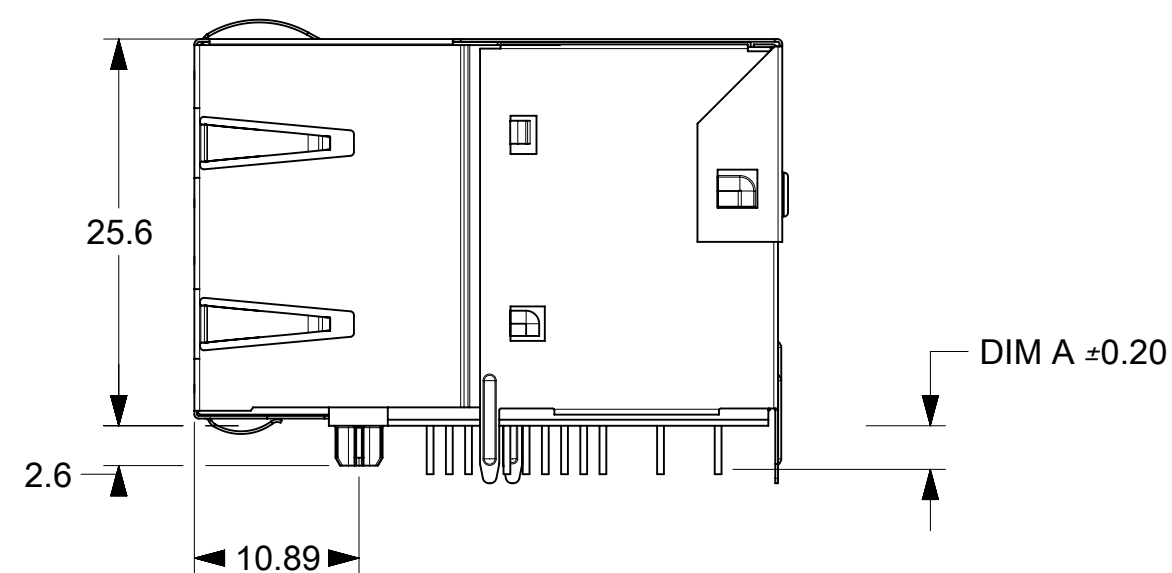
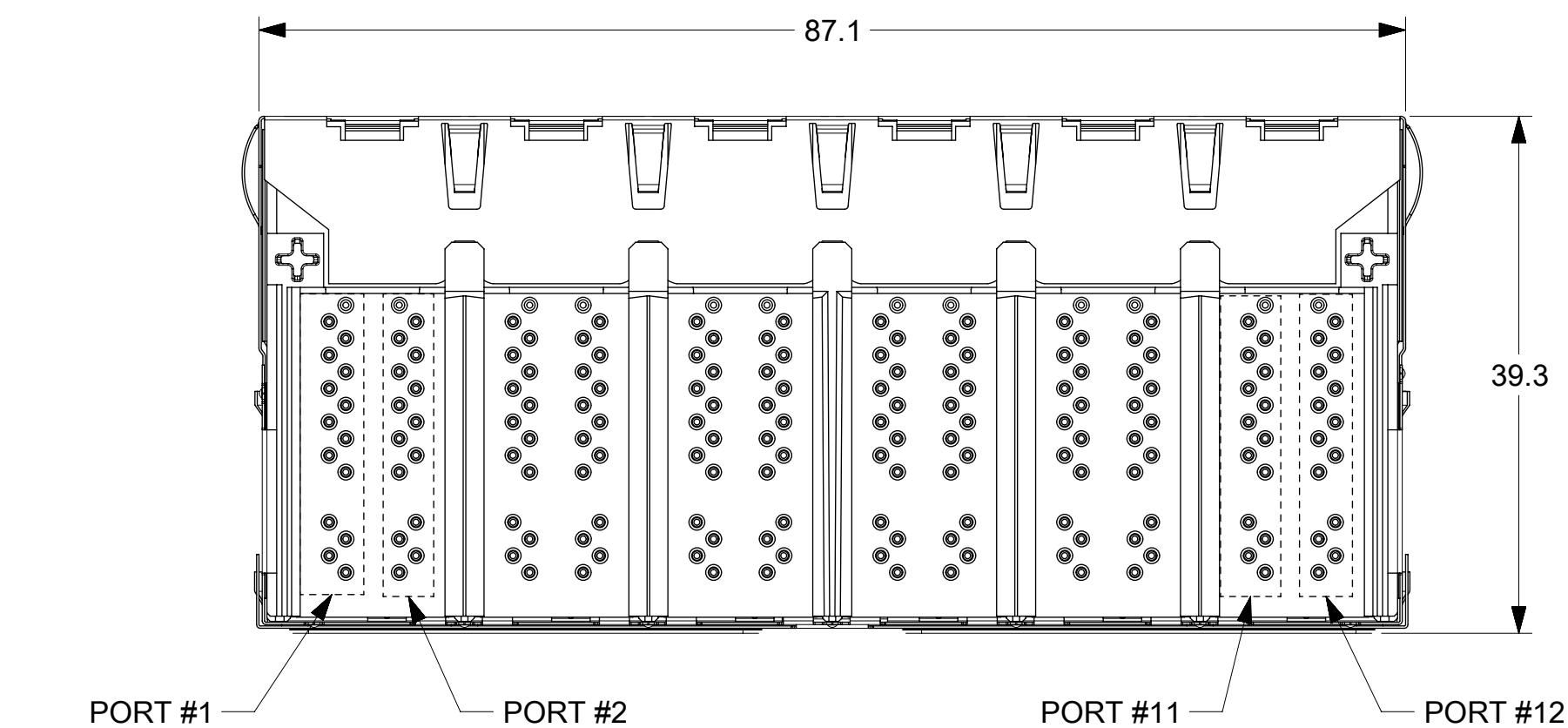
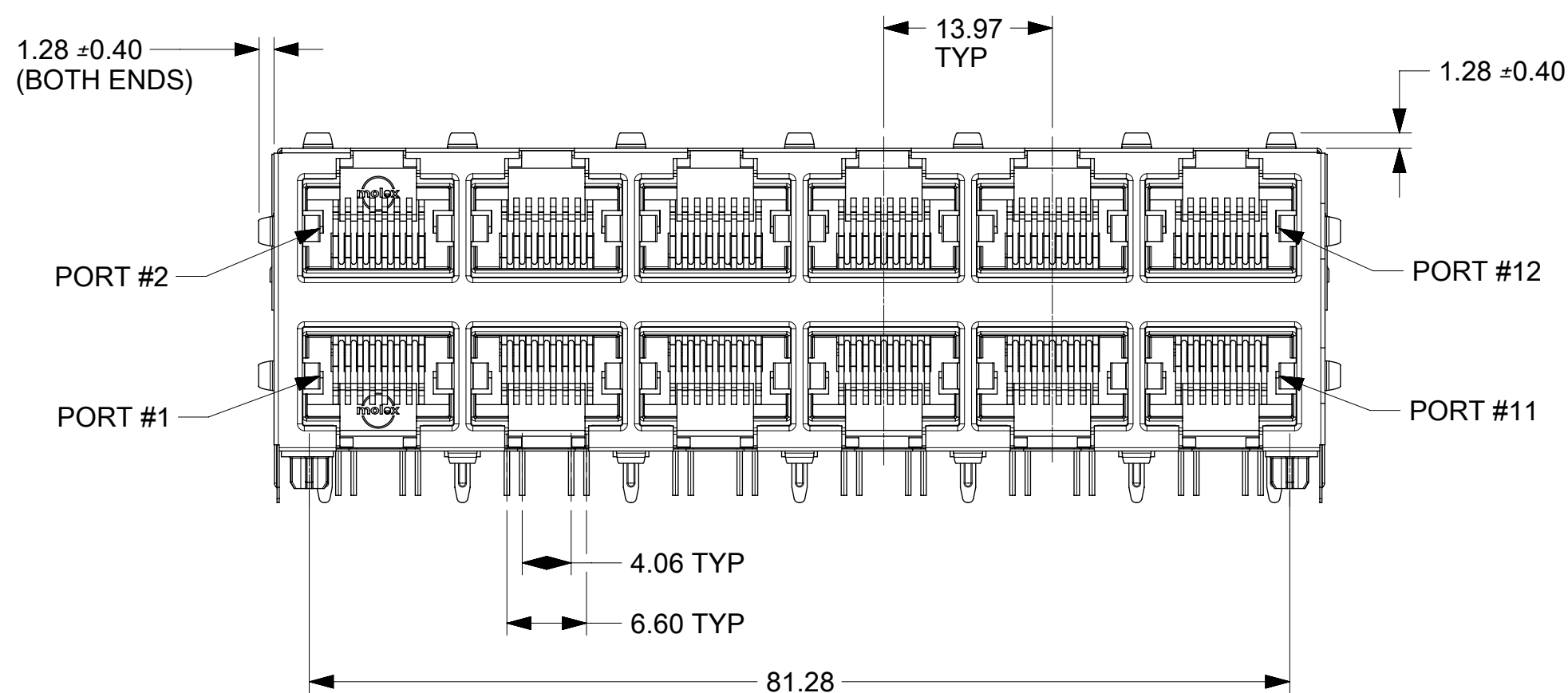


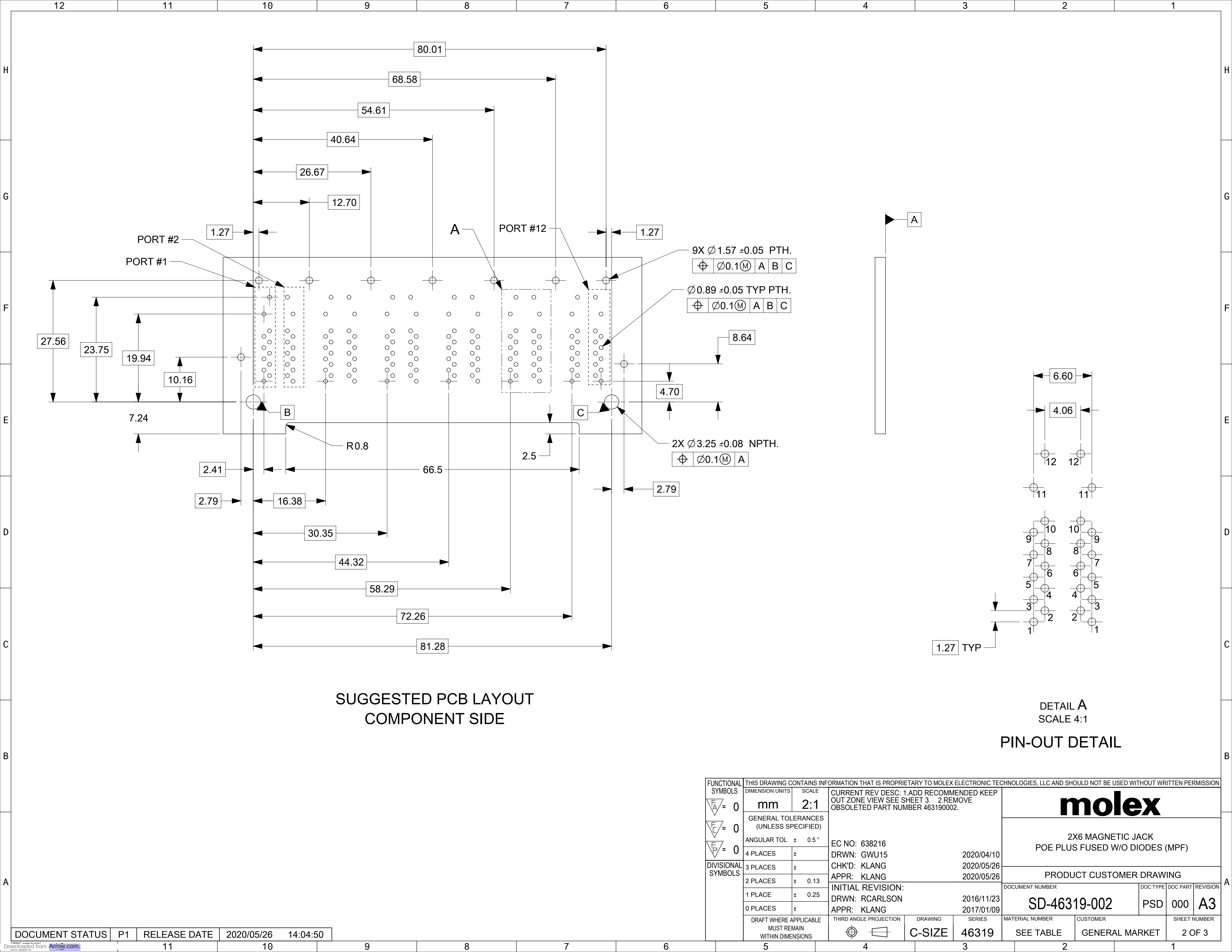


NOTES:

1. MATERIAL:
HOUSING: POLYESTER, GLASS FILLED, UL94V-0, COLOR: BLACK
CONTACT BEAMS: COPPER ALLOY, SHIELD: BRASS, PCB PINS: COPPER ALLOY.
2. PLATING:
CONTACT BEAMS: 50 MICROINCHES MIN. GOLD AND OVER 150 MICROINCHES MIN
NICKEL UNDERPLATE
SHIELD: NICKEL WITH SELECT TIN DIP ON GROUND TABS
PCB PINS: TIN DIP
3. PRODUCT SPECIFICATION: PS-46030-003
4. PRODUCT IS TRAY PACKAGED PER PACKAGING SPECIFICATION: PK-46030-001.
5. CONFORMS TO FCC REGULATION PART 68.5 SPECIFICATION FOR MODULAR JACKS.
6. MOLEX PART NUMBER, SERIAL NUMBER, MANUFACTURING DATE CODE AND TRACEABILITY MARK ARE ARE LOCATED IN AREA SHOWN. MANUFACTURING DATE CODE IS 3 DIGIT JULIAN DAY AND 1 DIGIT YEAR (EXAMPLE: 0337 IS FEBRUARY 2, 2007).
7. SHIELD SURFACE FINISHES (CLASS A, B OR C) COMPLY WITH THE REQUIREMENTS FOR VISUAL ACCEPTANCE PER COSMETIC SPECIFICATION ES-46030-006.

PART NUMBER	DIM A
463190003	2.92
463190004	3.56

FUNCTIONAL SYMBOLS	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: 1.ADD RECOMMENDED KEEP OUT ZONE VIEW SHEET 3. 2.REMOVE OBSOLETE PART NUMBER 463190002.			molex		
A = 0	mm		2:1							
E = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)							2X6 MAGNETIC JACK POE PLUS FUSED W/O DIODES (MPF)		
F = 0	ANGULAR TOL ± 0.5 °									
DIVISIONAL SYMBOLS	4 PLACES		±		EC NO: 638216 DRWN: GWU15 2020/04/10			PRODUCT CUSTOMER DRAWING		
	3 PLACES		±							
	2 PLACES		± 0.13		DOC TYPE PSD					
	1 PLACE		± 0.25					DOC PART 000		
	0 PLACES		±		REVISION A3					
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION					DRAWING C-SIZE		SERIES 46319
								CUSTOMER GENERAL MARKET		
								SHEET NUMBER 1 OF 3		



SUGGESTED PCB LAYOUT
COMPONENT SIDE

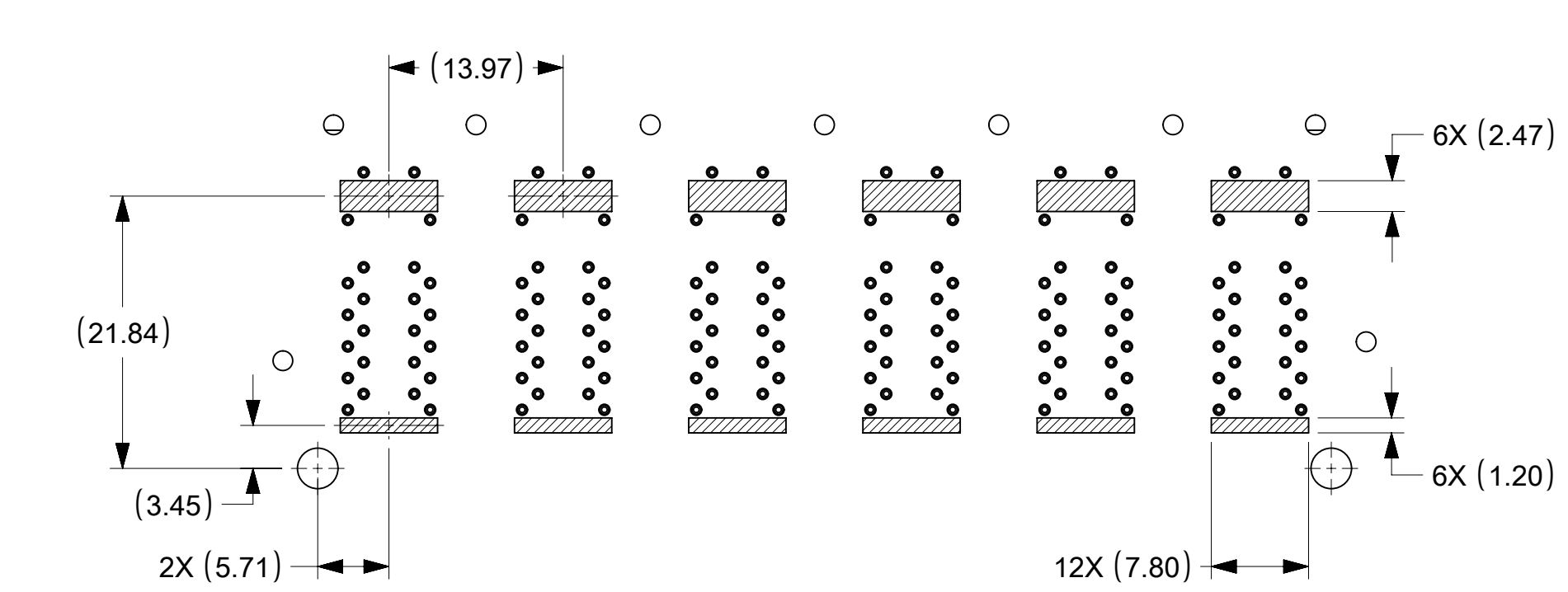
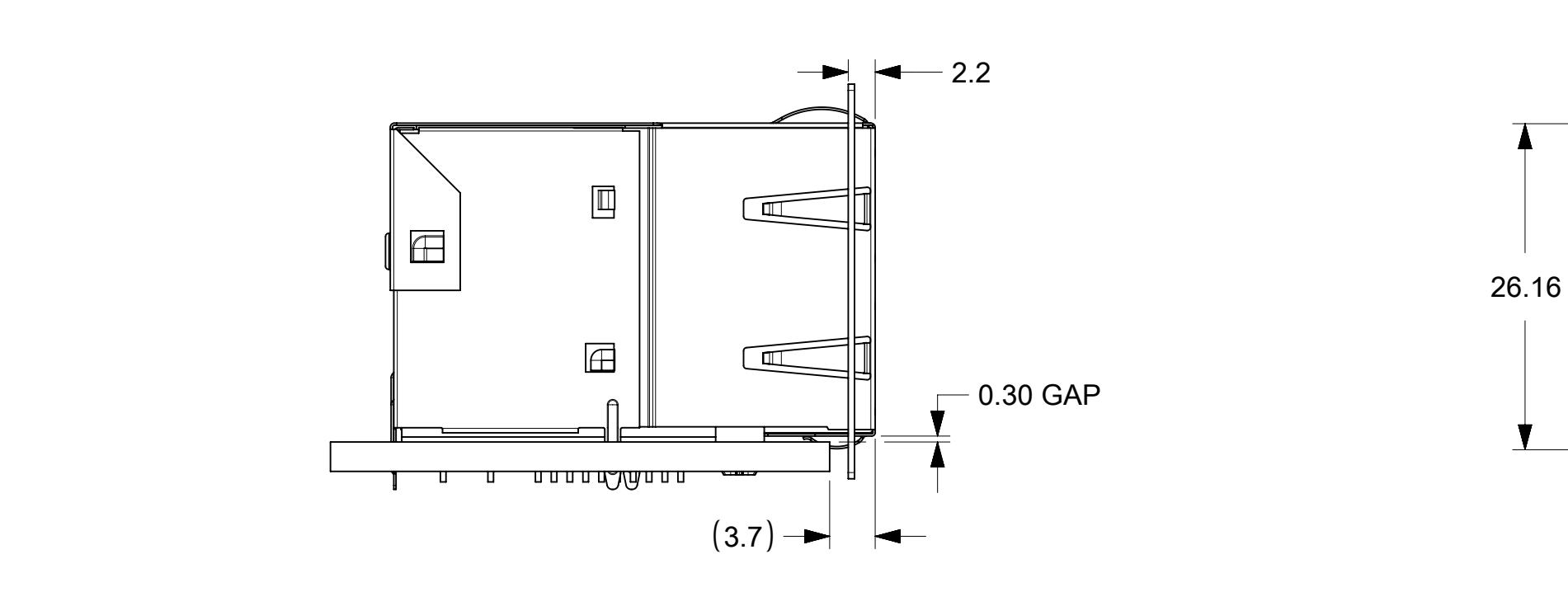
DETAIL A
SCALE 4:1
PIN-OUT DETAIL

FUNCTIONAL SYMBOLS $\frac{F}{A}$ = 0 $\frac{F}{C}$ = 0 $\frac{F}{P}$ = 0
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DIVISIONAL SYMBOLS

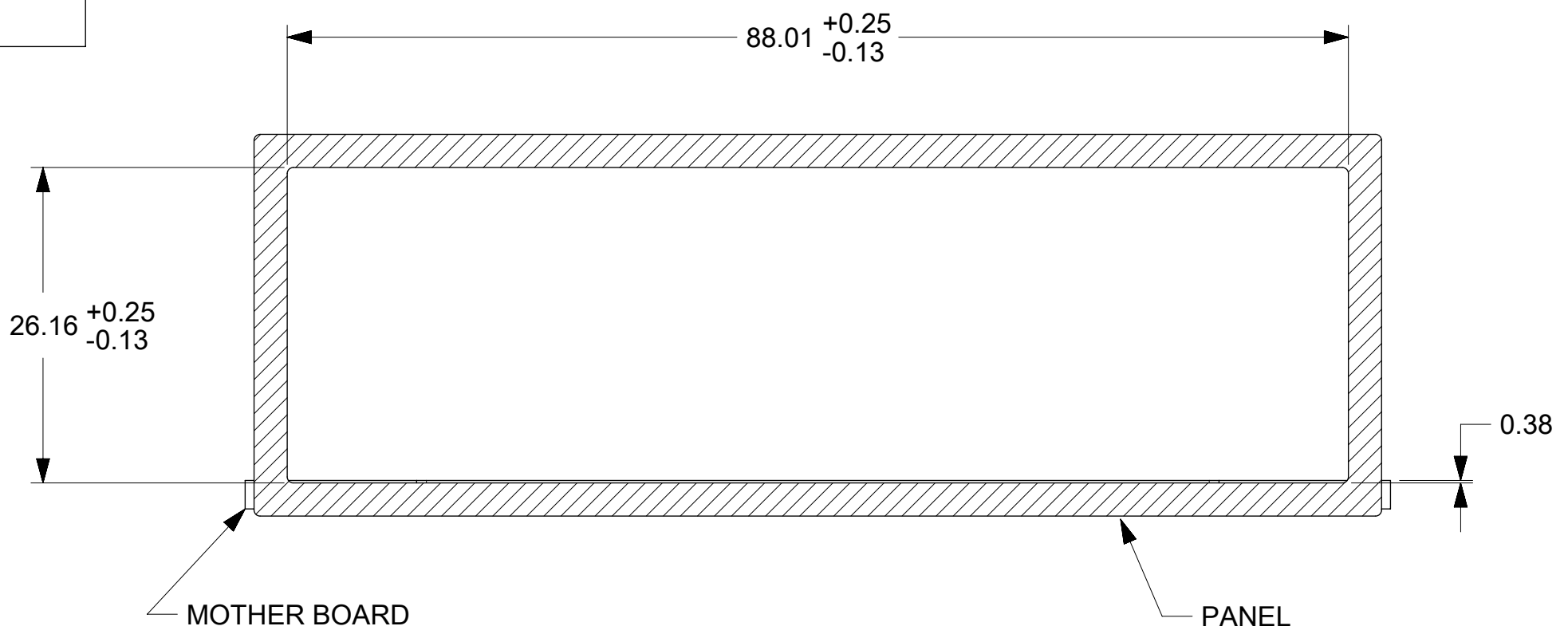
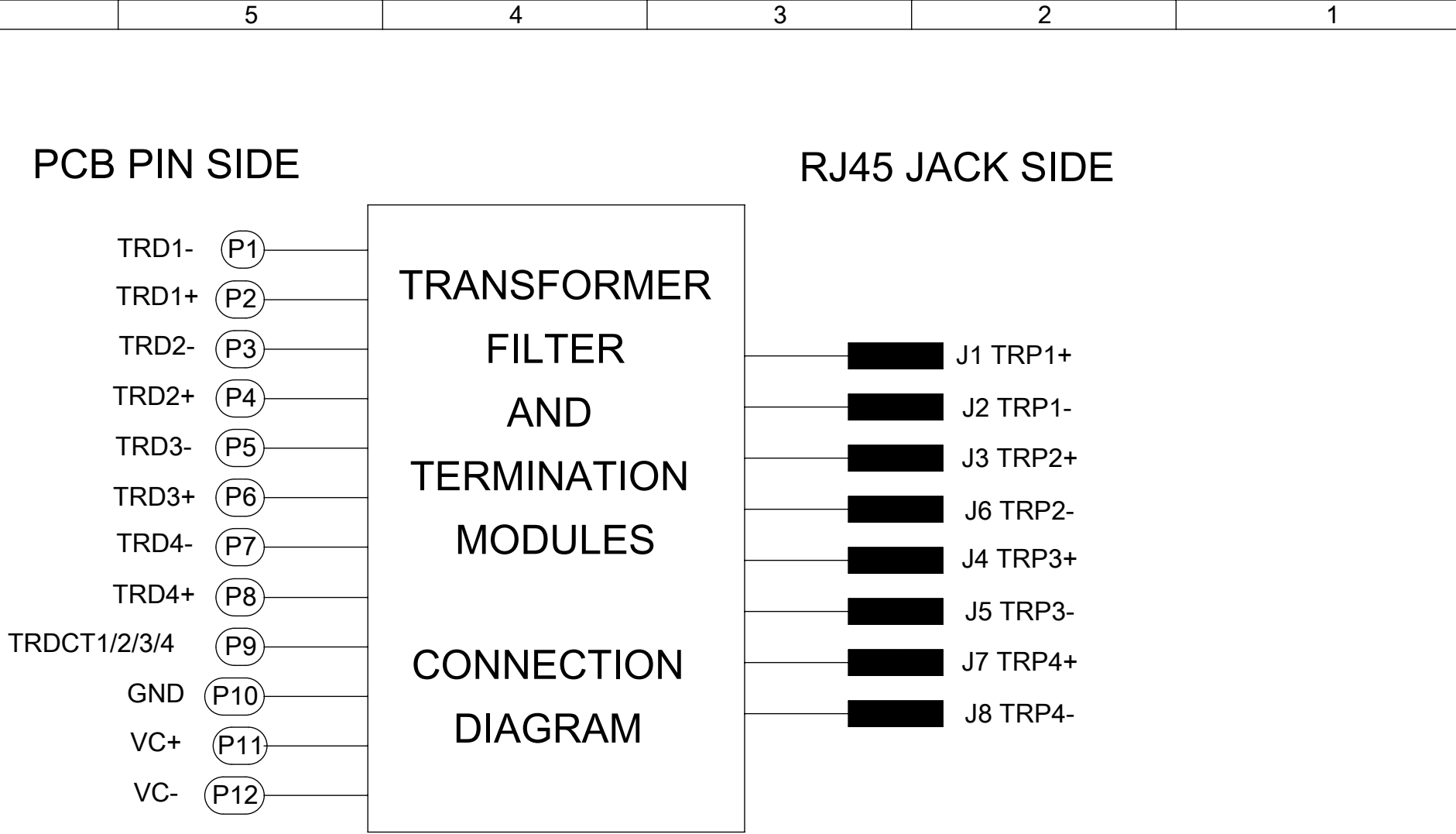
DOCUMENT STATUS	P1	RELEASE DATE	2020/05/26	14:04:50
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ELECTRICAL CHARACTERISTIC		VALUE AT 25°C
INSERTION LOSS	1 - 40 MHz	0.5 dB MAX
	40 - 100 MHz	1.0 dB MAX
	100 - 125 MHz	1.3 dB MAX
RETURN LOSS	1 - 40 MHz	18 dB MIN
	40 - 100 MHz	12 dB MIN
	100 - 125 MHz	10 dB MIN
OPEN CIRCUIT INDUCTANCE (OCL) 0°C TO 70°C	100kHz / 0.1V / 8mA DC	350 µH MIN
	100kHz / 0.1V / 19mA DC	150 µH MIN
TURN RATIO		1.00 ±0.02
HI-POT		2250 VDC
DC HANDLING CAPABILITY FROM CENTER TAP		720 mA CONTINUOUS
		1.2 A FOR 200 MILLISECONDS
COMMON MODE TO DIFFERENTIAL MODE	100 kHz - 40 MHz	-50 dB MAX
	40 - 100 MHz	-40 dB MAX
	100 - 200 MHz	-35 dB MAX
COMMON MODE TO COMMON MODE	100 kHz - 40 MHz	-50 dB MAX
	40 - 100 MHz	-40 dB MAX
	100 - 200 MHz	-33 dB MAX
	200 - 300 MHz	-25 dB MAX
	300 - 500 MHz	-20 dB MAX



RECOMMENDED KEEP OUT ZONE

NOTE:
THE SHADED AREA OF CUSTOMER PCB IS RECOMMENDED TO BE CLEAR OFF ANY CIRCUIT TRACE, VIA HOLE OR COMPONENT PAD.



SUGGESTED PANEL OPENING

FUNCTIONAL SYMBOLS $\frac{F}{A} = 0$ $\frac{F}{C} = 0$ $\frac{F}{P} = 0$ DIVISIONAL SYMBOLS	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: 1.ADD RECOMMENDED KEEP OUT ZONE VIEW SEE SHEET 3. 2.REMOVE OBSOLETE PART NUMBER 463190002.							
	mm	2:1								
	GENERAL TOLERANCES (UNLESS SPECIFIED)									
	ANGULAR TOL	± 0.5°								
	4 PLACES	±								
	3 PLACES	±								
	2 PLACES	± 0.13								
	1 PLACE	± 0.25								
	0 PLACES	±								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER		
				C-SIZE	46319	SEE TABLE	GENERAL MARKET	3 OF 3		