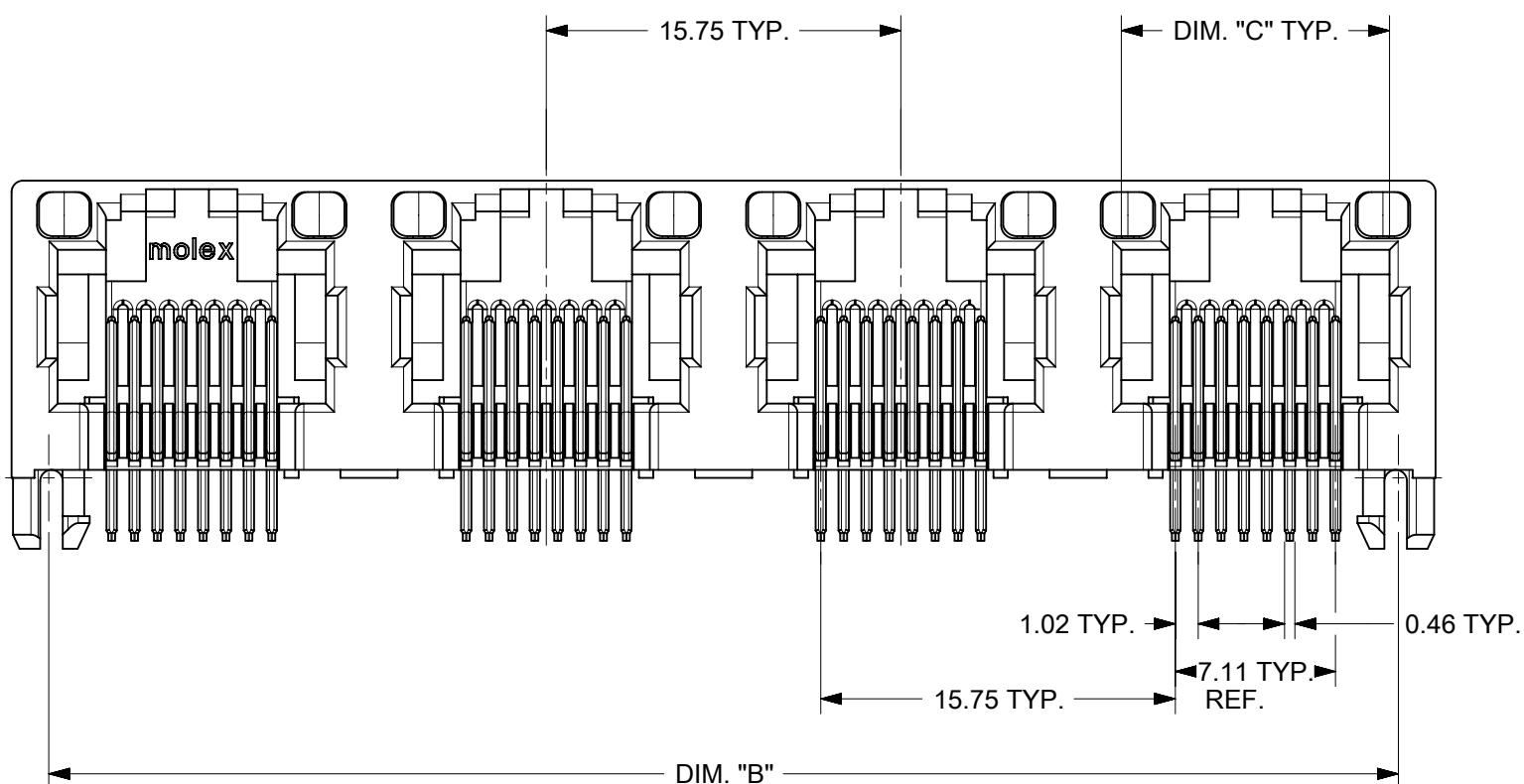




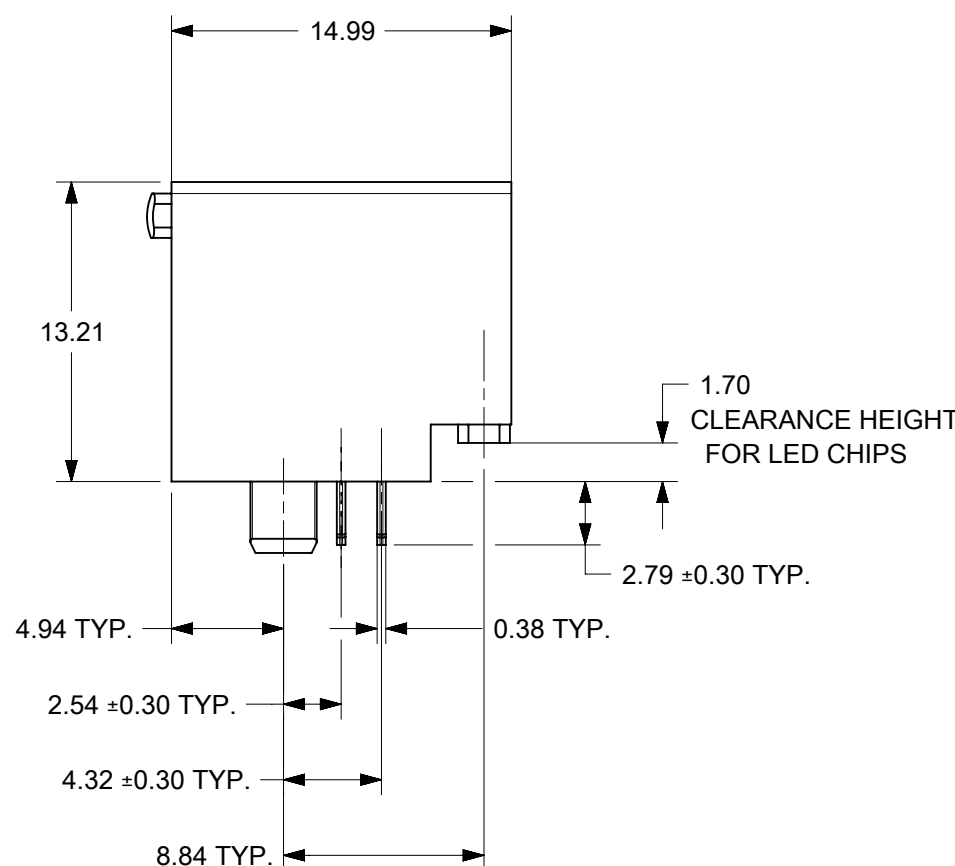
SCALE: NTS
SEE NOTE 8



SCALE: NTS
SEE NOTE 8



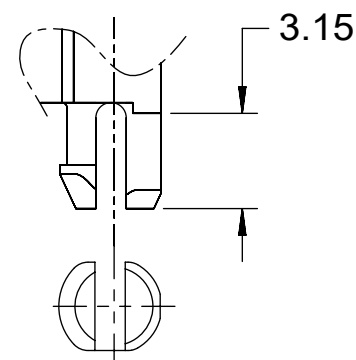
PREVIOUS DRAWING: SD-44248-001



NOTES:

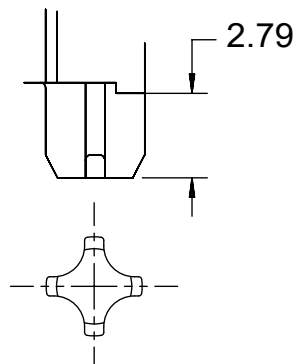
- 1) MATERIAL:
HOUSING: POLYESTER(PBT), GLASS FILLED, UL94V-0, COLOR: BLACK
LIGHT PIPES: POLYCARBONATE, UL-94V2, COLOR: CLEAR
TERMINALS: PHOSPHOR BRONZE
- 2) FINISH:
TERMINALS:
SELECT GOLD IN CONTACT AREA: 1.27 MICROMETERS MIN.,
SELECT TIN IN PC TAIL AREA: 2.54 MICROMETERS MIN.,
WITH OVERALL NICKEL UNDERPLATE: 1.27 MICROMETERS MIN.
- 3) PRODUCT SPECIFICATION AND PROCESSING PARAMETERS: PS-43860-003.
- 4) PACKAGING SPECIFICATION:
CONNECTOR ASSEMBLIES IN THERMOFORMED TRAYS PER MOLEX PACKAGING
SPECIFICATION PK-44248-004.
- 5) APPLICATION SPECIFICATION: AS-43860-001
- 6) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.
- 7) CONFORMS TO FCC REGULATION PART 68.5 FOR MODULAR JACKS.
- 8) MOD JACKS AVAILABLE WITH EITHER SNAP-FIT OR PRESS-FIT PEGS.
THIS DRAWING SHOWS SNAP-FIT PEGS.
- 9) PCB LAYOUT AND PANEL CUT-OUT SHOWN ON SHEETS (5) AND (6).
- 10) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC
SPECIFICATION PS-45499-002.

FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIVISIONAL SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC: MIGRATION.				molex							
		mm		3:1													
		GENERAL TOLERANCES (UNLESS SPECIFIED)				GANGED INVERTED MODJACK ASSEMBLY											
		ANGULAR TOL ± 0.5 °															
		4 PLACES		±		EC NO: 708533				PRODUCT CUSTOMER DRAWING							
		3 PLACES		±		DRWN: FAYEW 2022/05/26											
2 PLACES		± 0.25		CHK'D: KLANG 2022/06/29													
1 PLACE		±		APPR: KLANG 2022/06/29				DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION	
0 PLACES		±		INITIAL REVISION:													
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
						C-SIZE		44248		SEE CHART		GENERAL MARKET		1 OF 6			



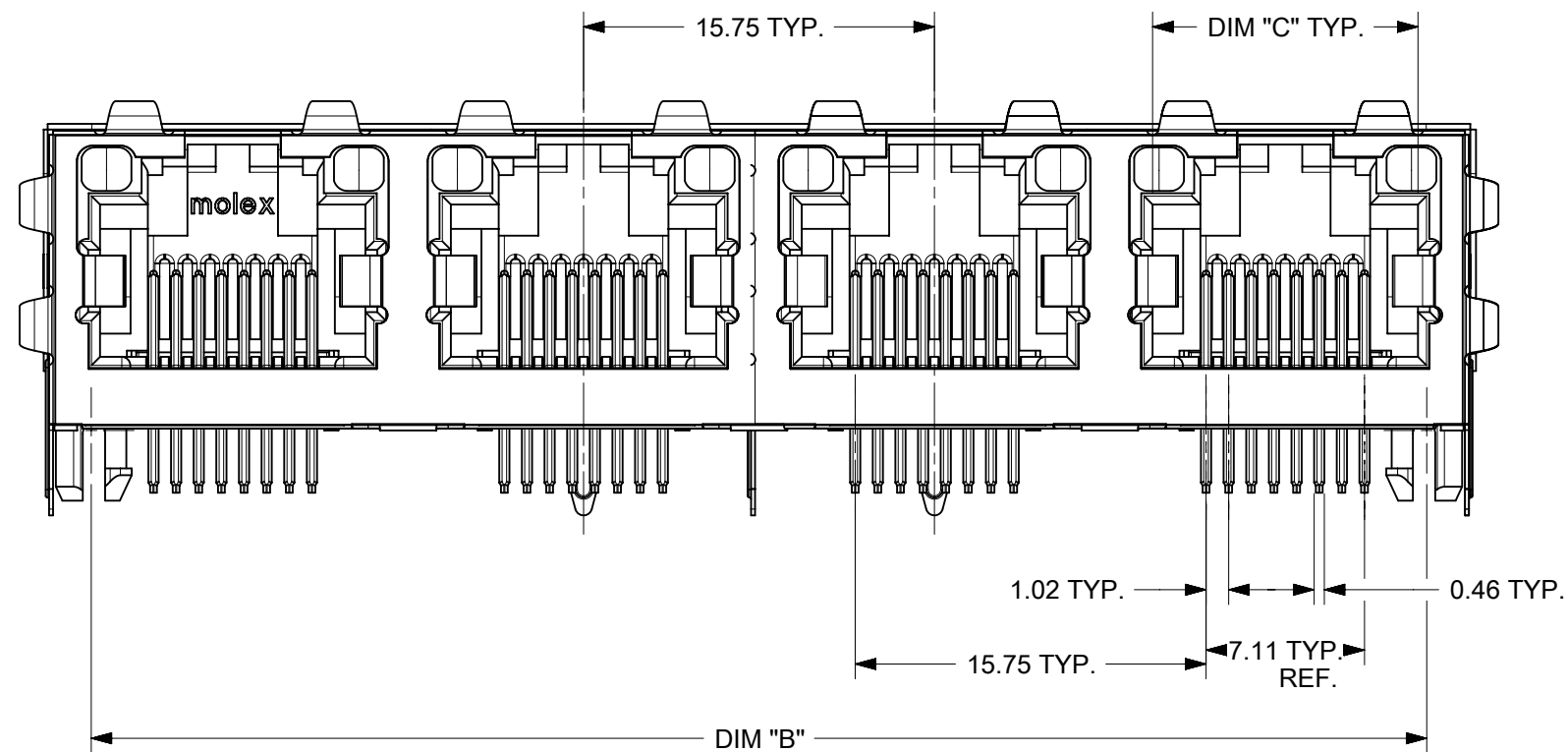
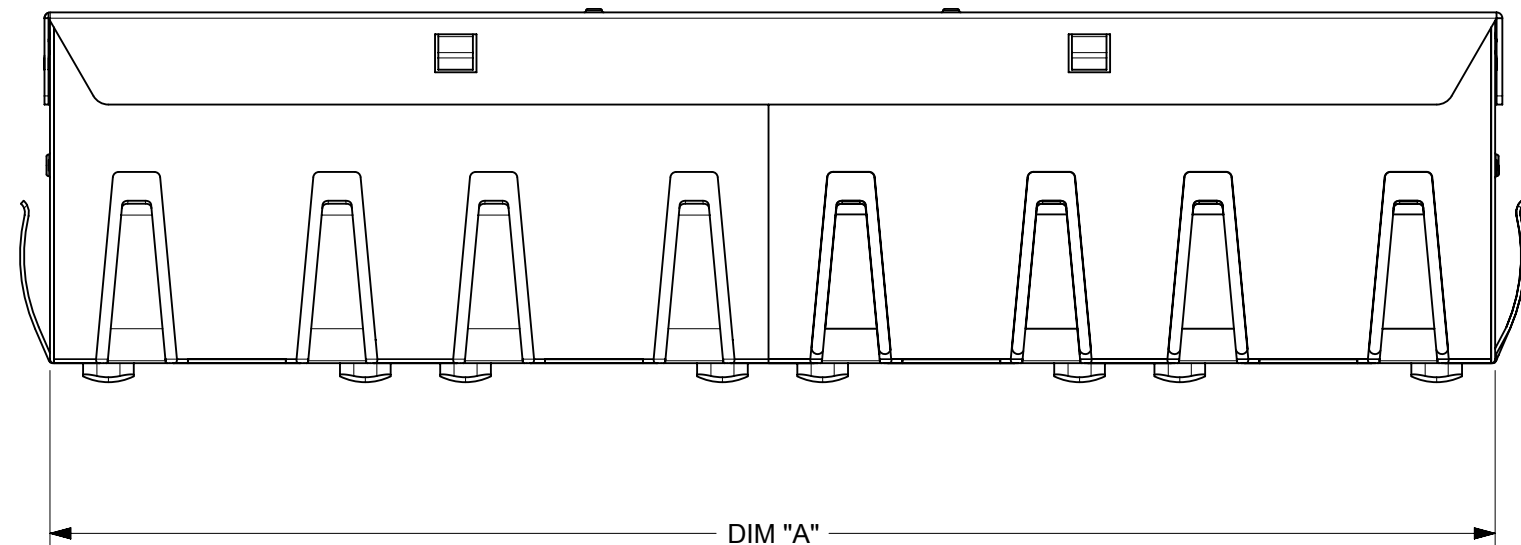
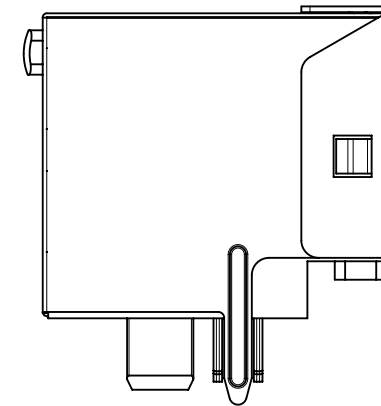
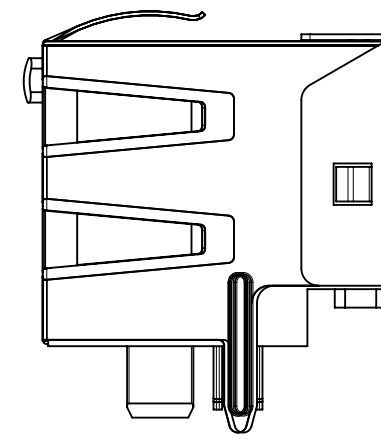
SNAP-FIT PEG OPTION

SCALE: NTS
SEE NOTE 8

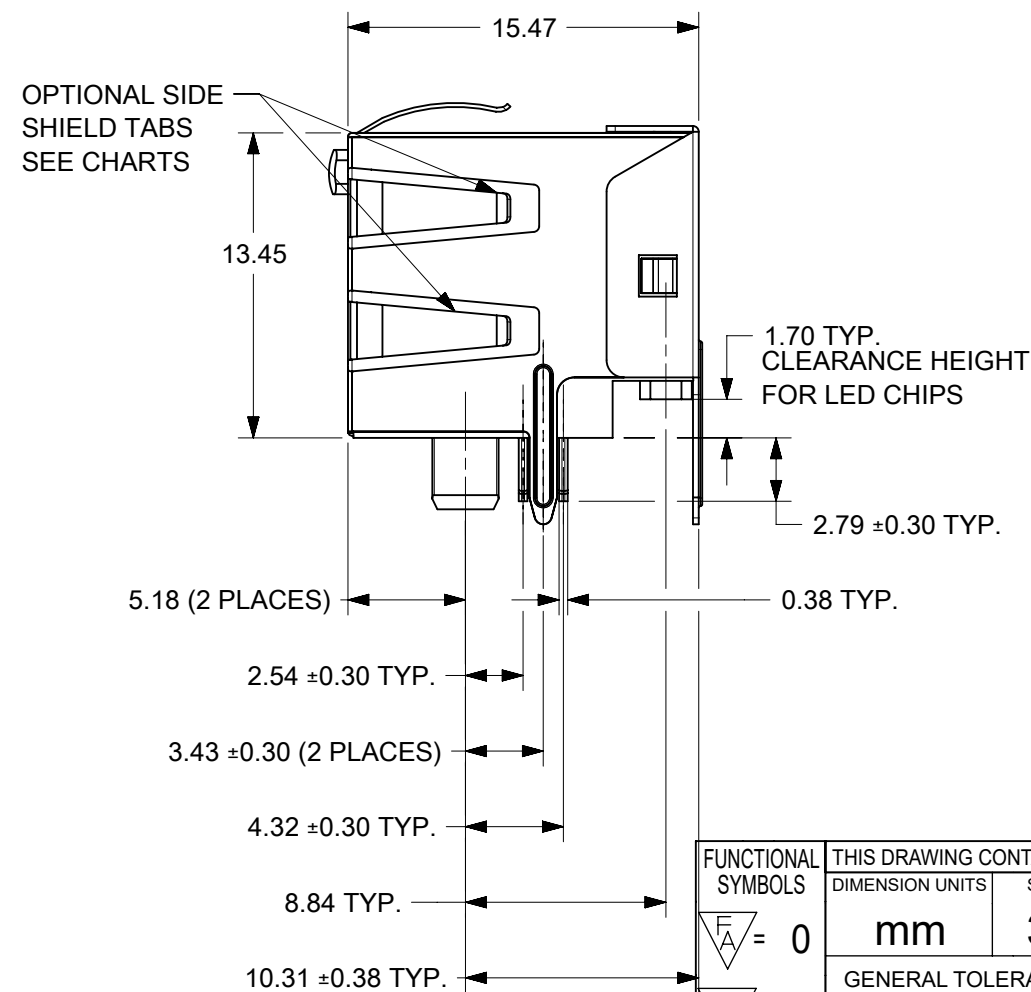


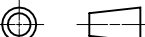
PRESS-FIT PEG OPTION

SCALE: NTS
SEE NOTE 8



SHIELDED WITH LIGHT PIPES



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: MIGRATION.			molex							
	mm		3:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
ANGULAR TOL ± 0.5 °															
DIVISIONAL SYMBOLS	4 PLACES		±		EC NO: 708533			GANGED INVERTED MODJACK ASSEMBLY							
	3 PLACES		±		DRWN: FAYEW 2022/05/26										
	2 PLACES		±		CHK'D: KLANG 2022/06/29										
	1 PLACE		±		APPR: KLANG 2022/06/29			PRODUCT CUSTOMER DRAWING							
	0 PLACES		±		INITIAL REVISION:										
					DRWN: FAYEW 2022/05/26			DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
					APPR: KLANG 2022/06/29										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						C-SIZE		44248		SEE CHART		GENERAL MARKET		2 OF 6	

NOTES:

1) MATERIAL:

HOUSING: POLYESTER(PBT), GLASS FILLED, UL94V-0, COLOR: BLACK
LIGHT PIPES: POLYCARBONATE, UL-94V2, COLOR: CLEAR
TERMINALS: PHOSPHOR BRONZE
SHIELD: BRASS

2) FINISH:

TERMINALS:

SELECT GOLD IN CONTACT AREA: 1.27 MICROMETERS MIN.,
SELECT TIN IN PC TAIL AREA: 2.54 MICROMETERS MIN.,
WITH OVERALL NICKEL UNDERPLATE: 1.27 MICROMETERS MIN.

SHIELD:

2.54 MICROMETERS NICKEL OVER 1.27 MICROMETERS
COPPER UNDERPLATE PCB GROUND TABS DIPPED IN TIN

3) PRODUCT SPECIFICATION AND PROCESSING PARAMETERS: PS-43860-003.

4) PACKAGING SPECIFICATION:
CONNECTOR ASSEMBLIES IN THERMOFORMED TRAYS PER MOLEX PACKAGING SPECIFICATION PK-44248-004.

5) APPLICATION SPECIFICATION: AS-43860-001

6) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.

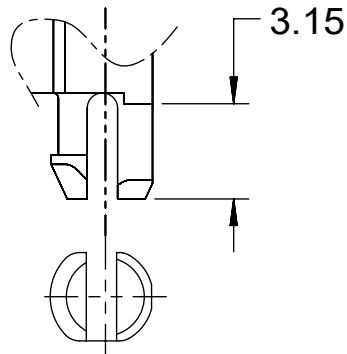
7) CONFORMS TO FCC REGULATION PART 68.5 FOR MODULAR JACKS.

8) MODJACKS AVAILABLE WITH EITHER SNAP-FIT OR PRESS-FIT PEGS.

THIS DRAWING SHOWS SNAP-FIT PEGS.

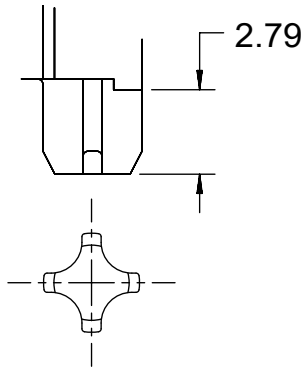
9) PCB LAYOUT AND PANEL CUT-OUT SHOWN ON SHEETS (5) AND (6).

10 THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.



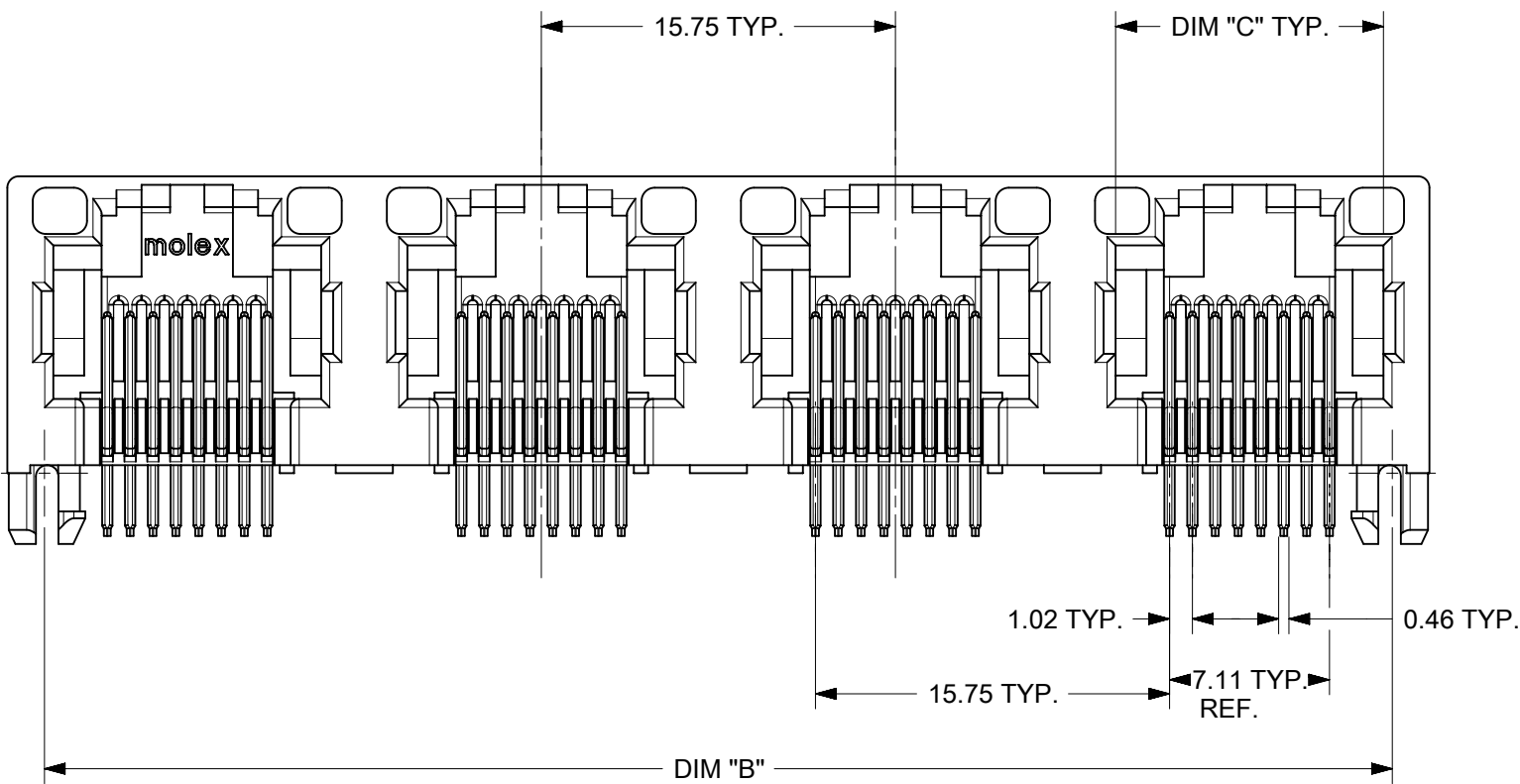
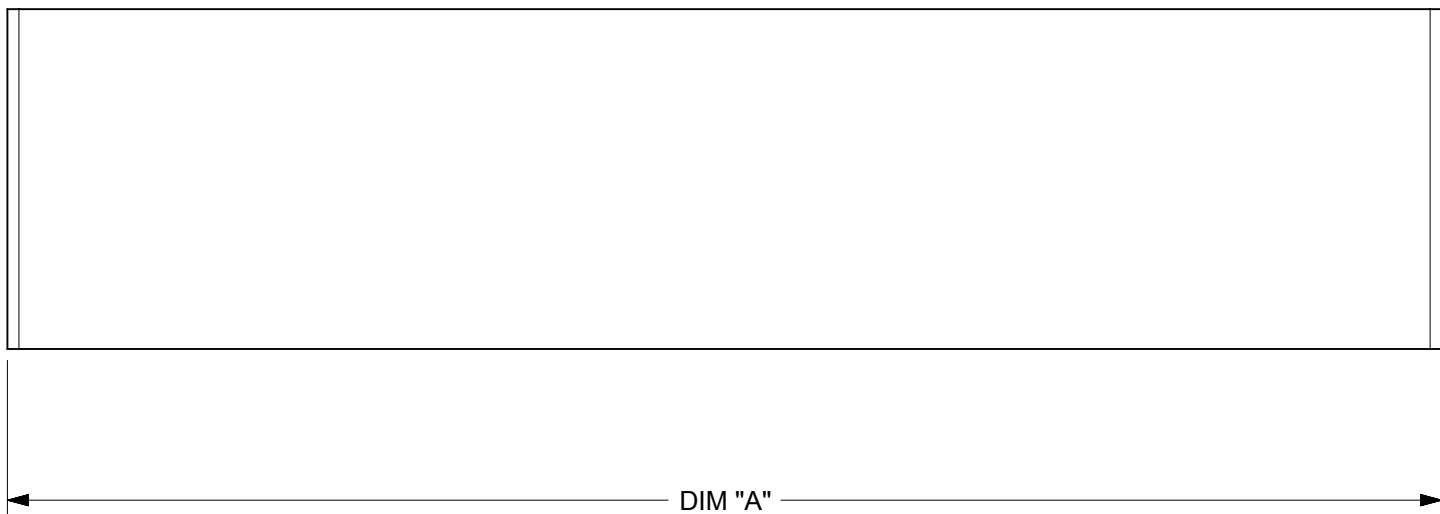
SNAP-FIT PEG OPTION

SCALE: NTS
SEE NOTE 7

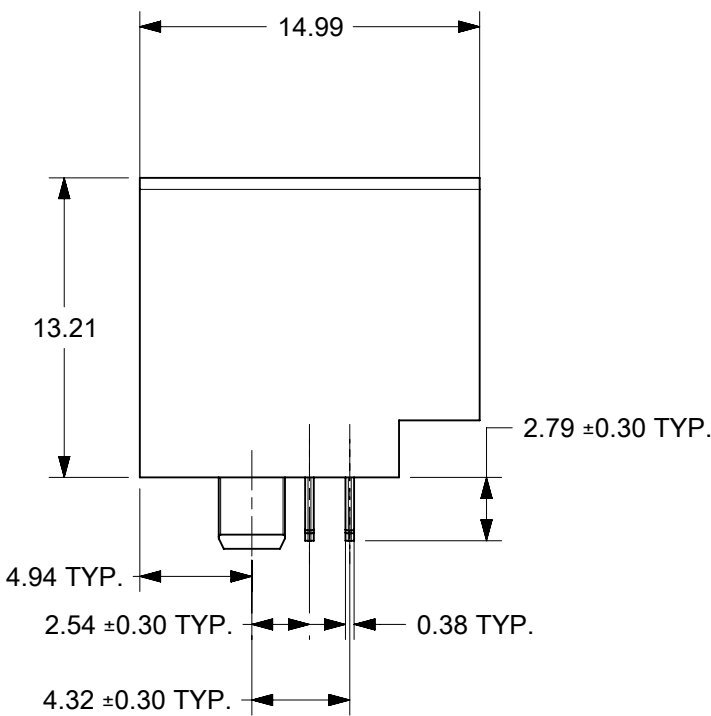


PRESS-FIT PEG OPTION

SCALE: NTS
SEE NOTE 7



UNSHIELDED



- NOTES:
- 1) MATERIAL:
HOUSING: POLYESTER(PBT), GLASS FILLED, UL94V-0, COLOR: BLACK
TERMINALS: PHOSPHOR BRONZE
 - 2) FINISH:
TERMINALS:
SELECT GOLD IN CONTACT AREA: 1.27 MICROMETERS MIN.,
SELECT TIN IN PC TAIL AREA:2.54 MICROMETERS MIN.,
WITH OVERALL NICKEL UNDERPLATE: 1.27 MICROMETERS MIN.
 - 3) PRODUCT SPECIFICATION AND PROCESSING PARAMETERS: PS-43860-003.
 - 4) PACKAGING SPECIFICATION:
CONNECTOR ASSEMBLIES IN THERMOFORMED TRAYS PER MOLEX PACKAGING SPECIFICATION PK-44248-004.
 - 5) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.
 - 6) CONFORMS TO FCC REGULATION PART 68.5 FOR MODULAR JACKS.
 - 7) MODJACKS AVAILABLE WITH EITHER SNAP-FIT OR PRESS-FIT PEGS.
 - THIS DRAWING SHOWS SNAP-FIT PEGS.
 - 8) PCB LAYOUT AND PANEL CUT-OUT SHOWN ON SHEETS (5) AND (6).
 - 9) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

8 CIRCUIT HOUSING(S)							
X = NOT TOOLED	ASSEMBLY MAT'L NUM	NUM OF CIRCUITS	NUM OF PORTS	PEG STYLE	DIM "A"	DIM "B"	DIM "C"
	44248-0057	8	2	SNAP-FIT	31.75	28.45	11.92
	44248-0058	8	4	SNAP-FIT	63.25	59.94	11.92
X	44248-0061	8	2	PRESS-FIT	31.75	28.45	11.92
X	44248-0062	8	4	PRESS-FIT	63.25	59.94	11.92

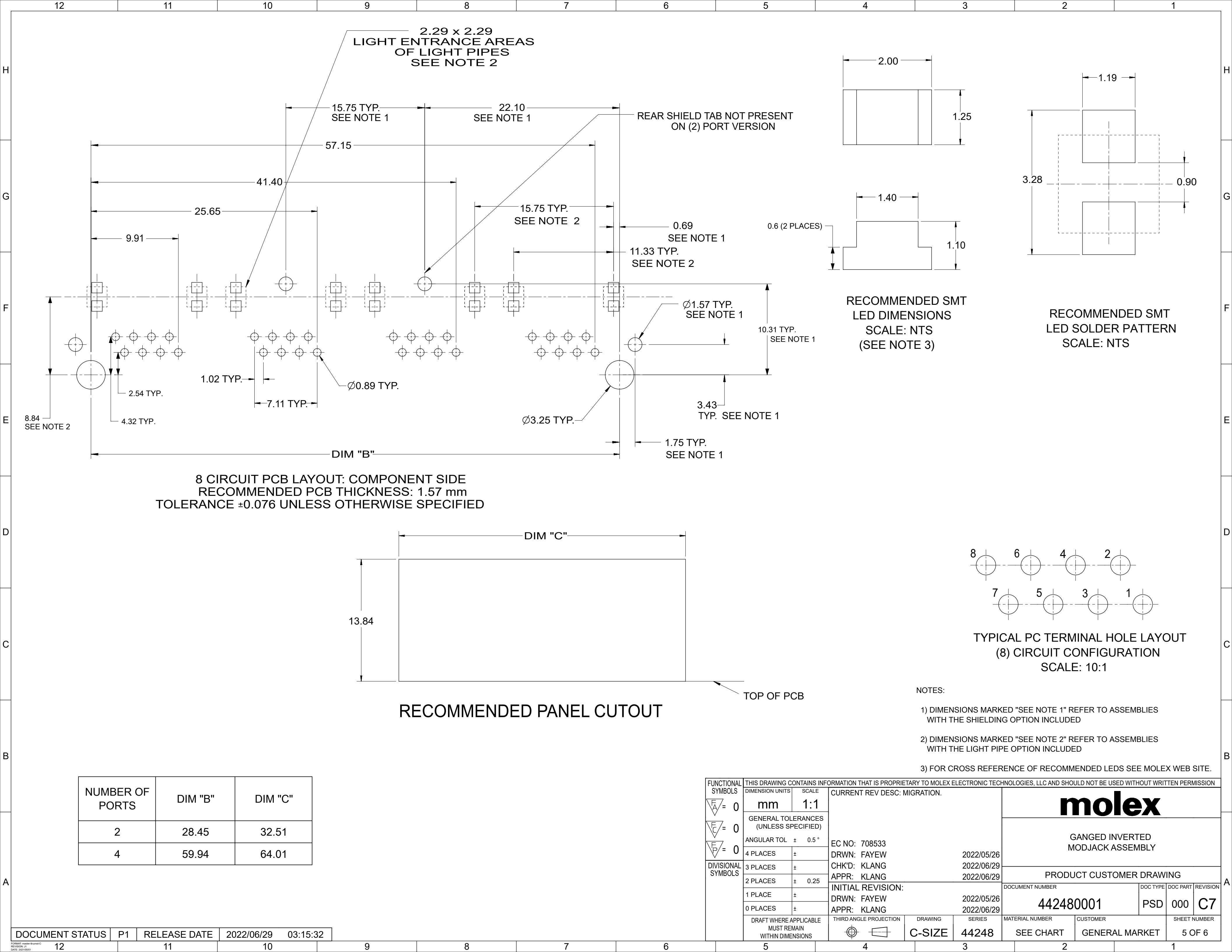
6 CIRCUIT HOUSING(S)							
X = NOT TOOLED	ASSEMBLY MAT'L NUM	NUM OF CIRCUITS	NUM OF PORTS	PEG STYLE	DIM "A"	DIM "B"	DIM "C"
X	44248-0065	6	2	SNAP-FIT	31.75	28.45	9.88
X	44248-0066	4	2	SNAP-FIT	31.75	28.45	9.88
X	44248-0067	6	4	SNAP-FIT	63.25	59.94	9.88
X	44248-0068	4	4	SNAP-FIT	63.25	59.94	9.88
X	44248-0073	6	2	PRESS-FIT	31.75	28.45	9.88
X	44248-0074	4	2	PRESS-FIT	31.75	28.45	9.88
X	44248-0075	6	4	PRESS-FIT	63.25	59.94	9.88
X	44248-0076	4	4	PRESS-FIT	63.25	59.94	9.88

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
= 0 = 0 = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: MIGRATION.					molex				
	mm		3:1											
	GENERAL TOLERANCES (UNLESS SPECIFIED)									EC NO: 708533 DRWN: FAYEW 2022/05/26 CHK'D: KLANG 2022/06/29 APPR: KLANG 2022/06/29				
ANGULAR TOL ± 0.5 °														
DIVISIONAL SYMBOLS	4 PLACES		±		INITIAL REVISION: DRWN: FAYEW 2022/05/26 APPR: KLANG 2022/06/29					DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
	3 PLACES		±							442480001		PSD	000	C7
	2 PLACES		± 0.25		PRODUCT CUSTOMER DRAWING									
	1 PLACE		±											
	0 PLACES		±											
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
							C-SIZE	44248	SEE CHART		GENERAL MARKET		3 OF 6	

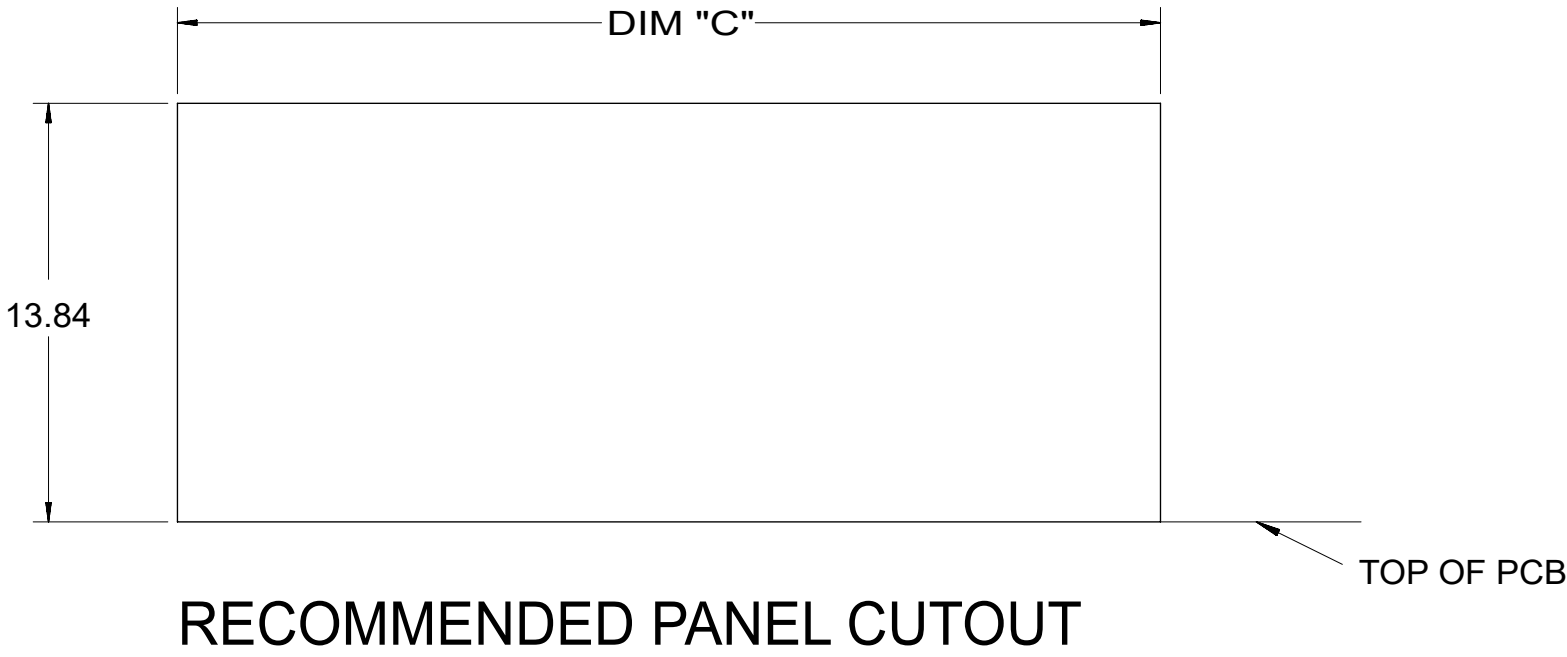
DOCUMENT STATUS	P1	RELEASE DATE	2022/06/29	03:15:32
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PRESS-FIT PEG OPTION

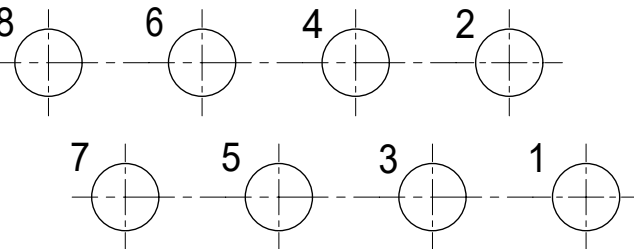


8 CIRCUIT PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS: 1.57 mm
TOLERANCE ±0.076 UNLESS OTHERWISE SPECIFIED



RECOMMENDED SMT
LED DIMENSIONS
SCALE: NTS
(SEE NOTE 3)

RECOMMENDED SMT
LED SOLDER PATTERN
SCALE: NTS



TYPICAL PC TERMINAL HOLE LAYOUT
(8) CIRCUIT CONFIGURATION
SCALE: 10:1

- NOTES:
- 1) DIMENSIONS MARKED "SEE NOTE 1" REFER TO ASSEMBLIES WITH THE SHIELDING OPTION INCLUDED
 - 2) DIMENSIONS MARKED "SEE NOTE 2" REFER TO ASSEMBLIES WITH THE LIGHT PIPE OPTION INCLUDED
 - 3) FOR CROSS REFERENCE OF RECOMMENDED LEDS SEE MOLEX WEB SITE.

NUMBER OF PORTS	DIM "B"	DIM "C"
2	28.45	32.51
4	59.94	64.01

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: MIGRATION.			
	DIMENSION UNITS	SCALE				
$\frac{F}{A} = 0$	mm	1:1				
$\frac{F}{C} = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)					
$\frac{F}{P} = 0$	ANGULAR TOL	± 0.5°				
DIVISIONAL SYMBOLS	4 PLACES	±	EC NO: 708533	2022/05/26	molex	
	3 PLACES	±	DRWN: FAYEW	2022/06/29		
	2 PLACES	±	CHK'D: KLANG	2022/06/29		
	1 PLACE	±	APPR: KLANG	2022/06/29	PRODUCT CUSTOMER DRAWING	
	0 PLACES	±	INITIAL REVISION:		DOCUMENT NUMBER	DOC TYPE DOC PART REVISION
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			DRWN: FAYEW	2022/05/26	442480001	PSD 000 C7
			APPR: KLANG	2022/06/29	MATERIAL NUMBER	CUSTOMER
			THIRD ANGLE PROJECTION	DRAWING	SEE CHART	GENERAL MARKET
			SERIES	44248	SHEET NUMBER	
					5 OF 6	

DOCUMENT STATUS	P1	RELEASE DATE	2022/06/29	03:15:32
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