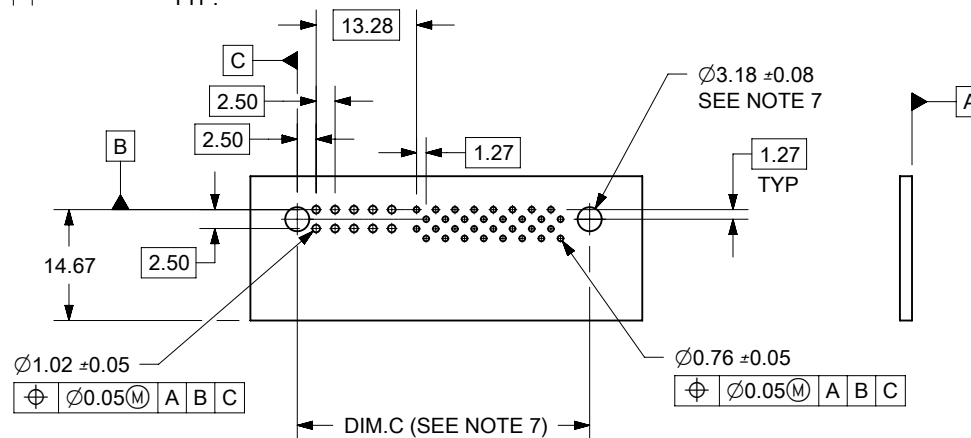
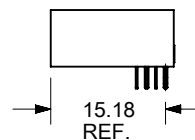
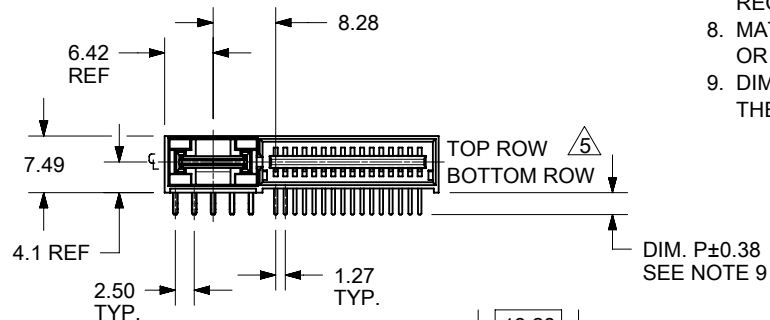
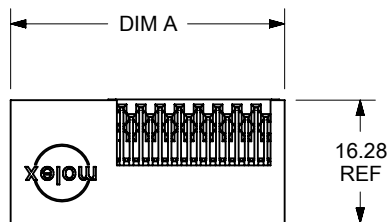
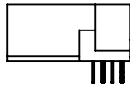
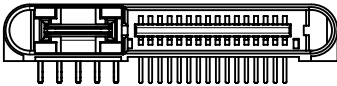
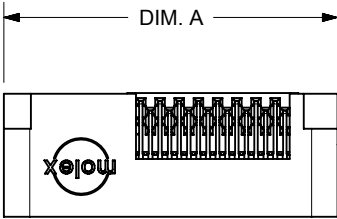
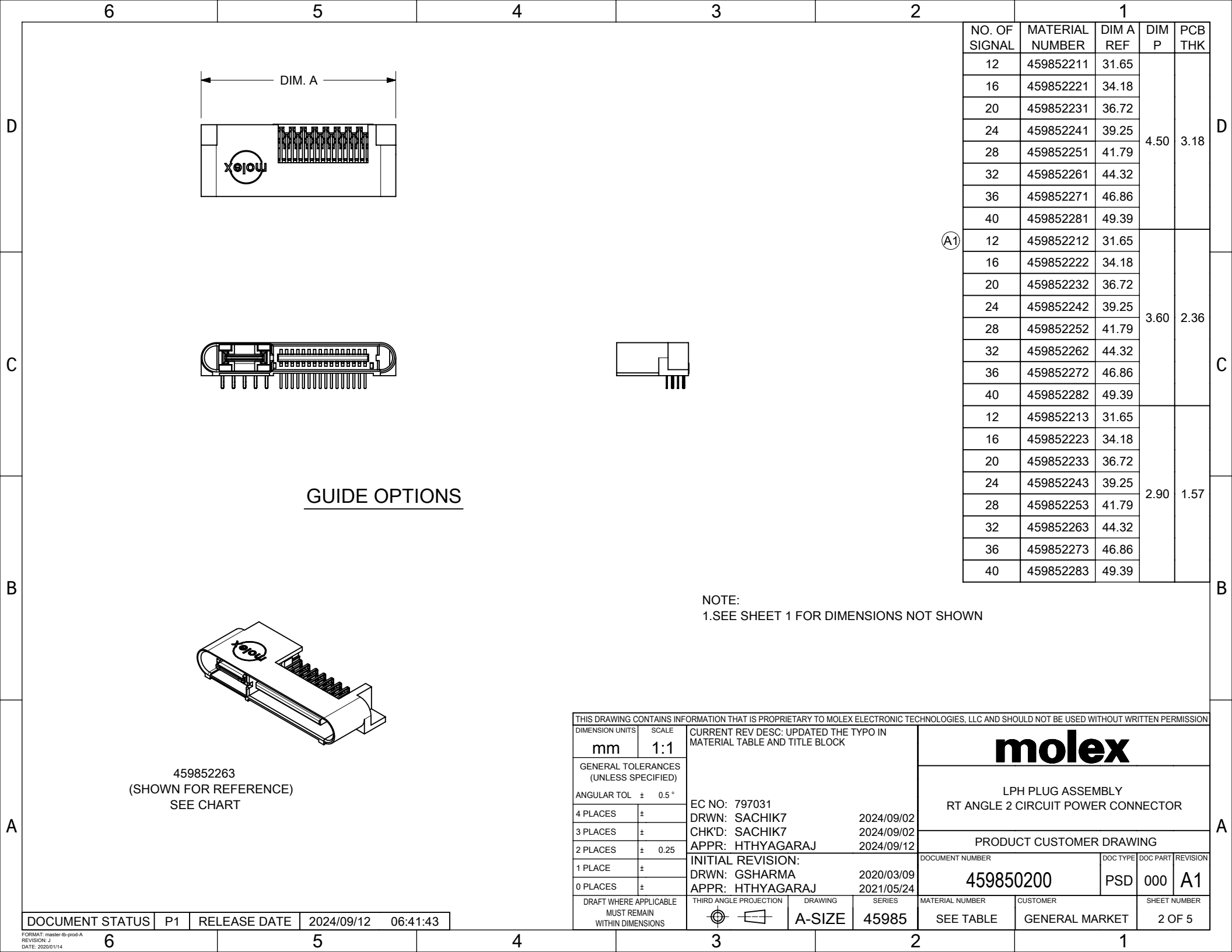


PCB LAYOUT: COMPONENT SIDE
THICKNESS: SEE CHART

- NOTES:
1. MATERIAL:
HOUSING: GLASS FILLED LCP (LIQUID CRYSTAL POLYMER),
UL94V-0, COLOR: BLACK
POWER CONTACT: COPPER ALLOY
SIGNAL CONTACT: PHOSPHOR BRONZE
 2. FINISH: SELECT GOLD 0.76 MICROMETER/30 MICROINCH MINIMUM,
SELECT TIN 3.81 MICROMETER/150 MICROINCH MINIMUM,
BOTH OVER NICKEL 1.27 MICROMETER/50 MICROINCH MINIMUM.
 3. PRODUCT SPECIFICATION: PS-45984-001.
 4. PACKAGING SPECIFICATION: TRAY PER PK-45984-001.
 5. SEE SHEET 5 FOR CIRCUIT IDENTIFICATION.
 6. PARTS ARE RoHS COMPLIANT.
 7. PEG HOLES ARE OPTICAL PCB FEATURES AND ARE
REQUIRED ONLY WITH THE PEGGED OPTIONS.
 8. MATES WITH MOLEX R/A RECEPTACLE SERIES 45984-2***
OR VERTICAL RECEPTACLE SERIES 46114-2***
 9. DIM. P TO BE MEASURED FROM THE HOUSING STAND-OFF TO
THE TERMINAL TIP.

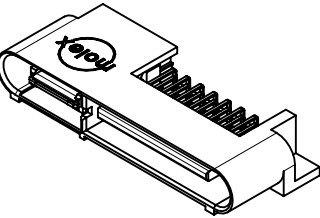
	NO. OF SIGNAL	MATERIAL NUMBER	DIM A REF	DIM P	PCB THK
R), UM.	12	459852111	24.23	4.50	3.18
	16	459852121	26.77		
	20	459852131	29.30		
	24	459852141	31.84		
	28	459852151	34.37		
	32	459852161	36.91		
	36	459852171	39.44		
	40	459852181	41.98		
(A1)	12	459852112	24.23	3.60	2.36
	16	459852122	26.77		
	20	459852132	29.30		
	24	459852142	31.84		
	28	459852152	34.37		
	32	459852162	36.91		
	36	459852172	39.44		
	40	459852182	41.98		
	12	459852113	24.23	2.90	1.57
	16	459852123	26.77		
	20	459852133	29.30		
	24	459852143	31.84		
	28	459852153	34.37		
	32	459852163	36.91		
	36	459852173	39.44		
	40	459852183	41.98		

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: UPDATED THE TYPO IN MATERIAL TABLE AND TITLE BLOCK				molex LPH PLUG ASSEMBLY RT ANGLE 2 CIRCUIT POWER CONNECTOR				
mm		1:1										
GENERAL TOLERANCES (UNLESS SPECIFIED)												
ANGULAR TOL ± 0.5 °												
4 PLACES		±										
3 PLACES		±		EC NO: 797031 DRWN: SACHIK7								



GUIDE OPTIONS

459852263
(SHOWN FOR REFERENCE)
SEE CHART

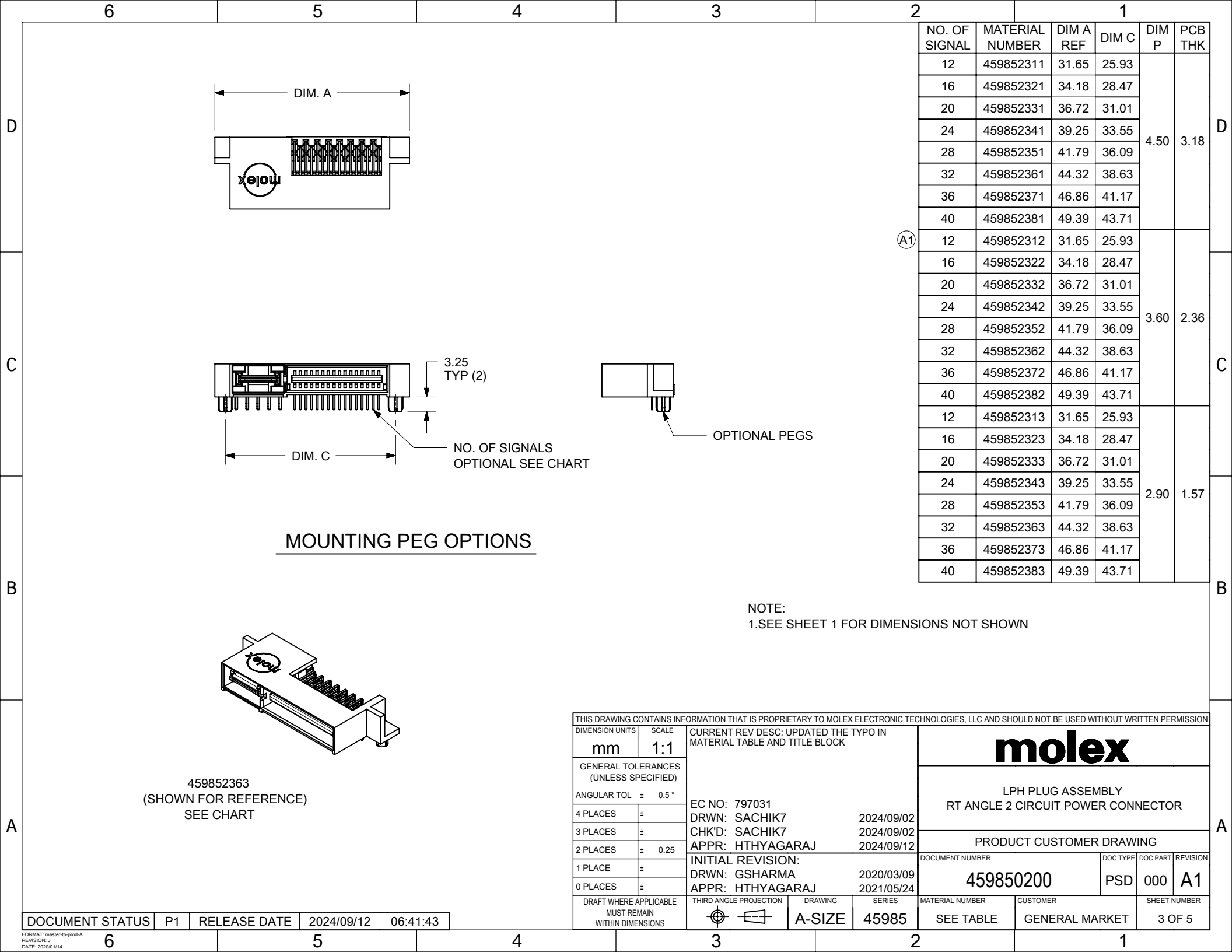


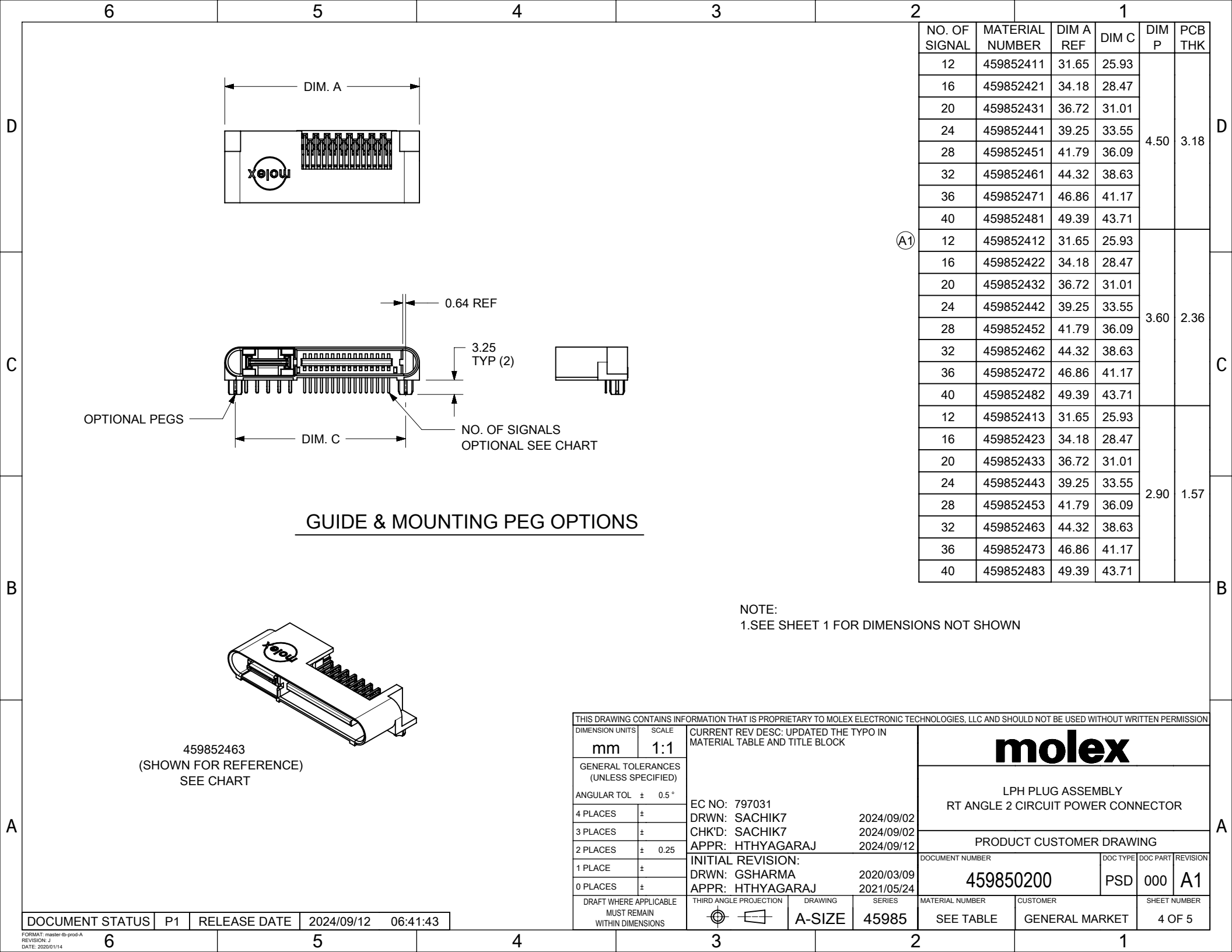
NO. OF SIGNAL	MATERIAL NUMBER	DIM A REF	DIM P	PCB THK
12	459852211	31.65	4.50	3.18
16	459852221	34.18		
20	459852231	36.72		
24	459852241	39.25		
28	459852251	41.79		
32	459852261	44.32		
36	459852271	46.86	3.60	2.36
40	459852281	49.39		
(A1) 12	459852212	31.65		
16	459852222	34.18		
20	459852232	36.72		
24	459852242	39.25		
28	459852252	41.79		
32	459852262	44.32	2.90	1.57
36	459852272	46.86		
40	459852282	49.39		
12	459852213	31.65		
16	459852223	34.18		
20	459852233	36.72		
24	459852243	39.25		
28	459852253	41.79		
32	459852263	44.32		
36	459852273	46.86		
40	459852283	49.39		

NOTE:
1.SEE SHEET 1 FOR DIMENSIONS NOT SHOWN

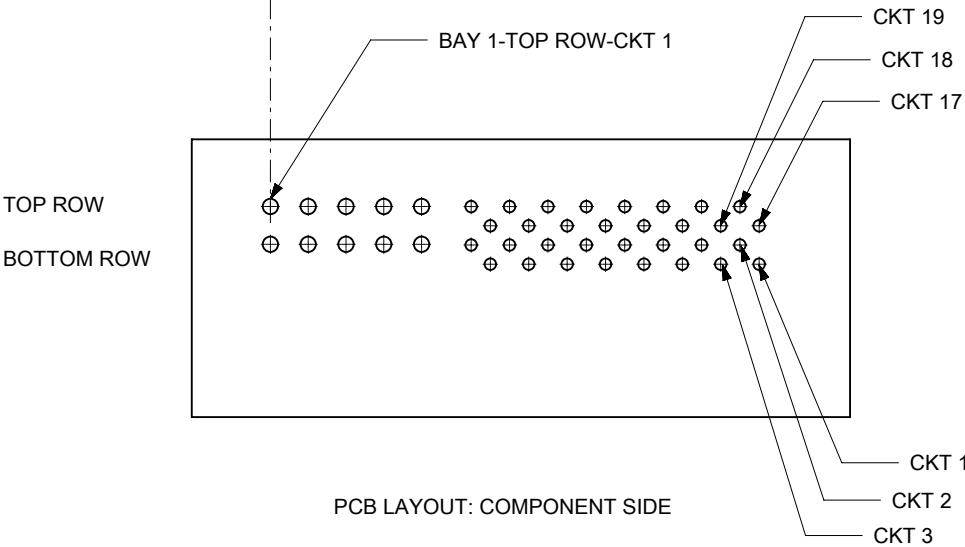
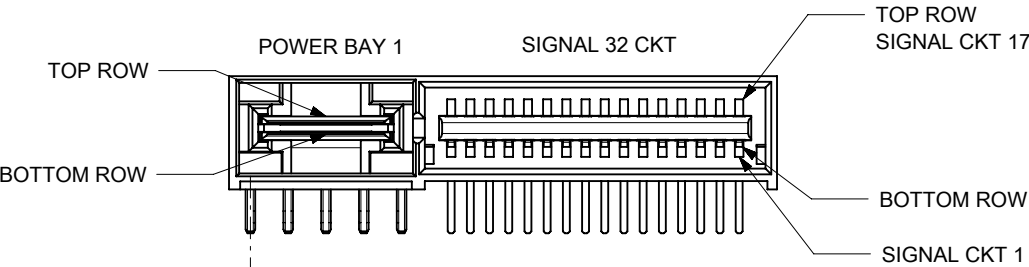
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC: UPDATED THE TYPO IN MATERIAL TABLE AND TITLE BLOCK			molex		
mm		1:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)							LPH PLUG ASSEMBLY RT ANGLE 2 CIRCUIT POWER CONNECTOR		
ANGULAR TOL ± 0.5 °									
4 PLACES		±		EC NO: 797031 DRWN: SACHIK7					

DOCUMENT STATUS	P1	RELEASE DATE	2024/09/12	06:41:43
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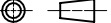




CIRCUIT NUMBERING SYSTEM



PCB LAYOUT: COMPONENT SIDE

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: UPDATED THE TYPO IN MATERIAL TABLE AND TITLE BLOCK			molex		
mm		2:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL		±	0.5 °				LPH PLUG ASSEMBLY RT ANGLE 2 CIRCUIT POWER CONNECTOR		
4 PLACES		±							
3 PLACES		±		PRODUCT CUSTOMER DRAWING					
2 PLACES		±	0.25						
1 PLACE		±							
0 PLACES		±							
INITIAL REVISION:							DOCUMENT NUMBER		DOC TYPE
DRWN: GSHARMA		2020/03/09		459850200		PSD	000	A1	
APPR: HTHYAGARAJ		2021/05/24							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
				A-SIZE		45985		SEE TABLE	
								GENERAL MARKET	
								SHEET NUMBER	
								5 OF 5	