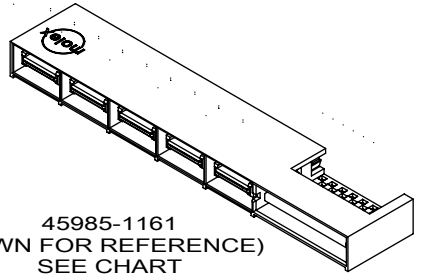


- NOTES:
1. MATERIAL:
HOUSING: GLASS FILLED LCP (LIQUID CRYSTAL POLYMER), UL94V-0, COLOR: BLACK.
POWER CONTACT: COPPER ALLOY
SIGNAL CONTACT: PHOSPHOR BRONZE
 2. FINISH: SELECT GOLD 0.76 MICROMETER/30 MICROINCH MINIMUM.
SELECT TIN 3.81 MICROMETER/150 MICROINCH MINIMUM.
BOTH OVER NICKEL 1.27MICROMETER/50 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 OPTIONAL PCB FEATURES AND ARE REQUIRED ONLY WITH THE PEGGED HOUSING OPTIONS.
 8. MATES WITH MOLEX RECEPTACLE SERIES 45984-1****.
 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
12	45985-1111	72.16	4.50	3.18
16	45985-1121	74.70		
20	45985-1131	77.24		
24	45985-1141	79.78		
28	45985-1151	82.32		
32	45985-1161	84.86	3.60	2.36
36	45985-1171	87.40		
40	45985-1181	89.94		
12	45985-1112	72.16		
16	45985-1122	74.70		
20	45985-1132	77.24	2.90	1.57
24	45985-1142	79.78		
28	45985-1152	82.32		
32	45985-1162	84.86		
36	45985-1172	87.40		
40	45985-1182	89.94	2.90	1.57
12	45985-1113	72.16		
16	45985-1123	74.70		
20	45985-1133	77.24		
24	45985-1143	79.78		
28	45985-1153	82.32	2.90	1.57
32	45985-1163	84.86		
36	45985-1173	87.40		
40	45985-1183	89.94		

PCB LAYOUT: COMPONENT SIDE
THICKNESS: SEE CHART



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DIMENSION UNITS MM	SCALE 1:1	CURRENT REV DESC: TAIL LENGTH DIM. UPDATED			
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 641079			
ANGULAR TOL	± 0.5°	DRWN: HK02 2019/05/24	PRODUCT CUSTOMER DRAWING		
4 PLACES	±	CHK'D: MBELLE 2019/11/11			
3 PLACES	±	APPR: HTHYAGARAJ 2020/08/21	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		
2 PLACES	± 0.25	INITIAL REVISION:			
1 PLACE	±	DRWN: SCHAFFER 2005/06/20	DRAWING: A-SIZE SERIES: 45985		
0 PLACES	±	APPR: MARGULIS 2005/06/22			

6

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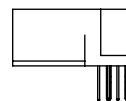
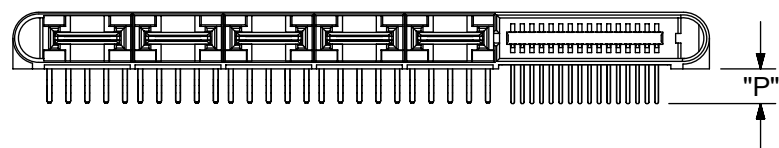
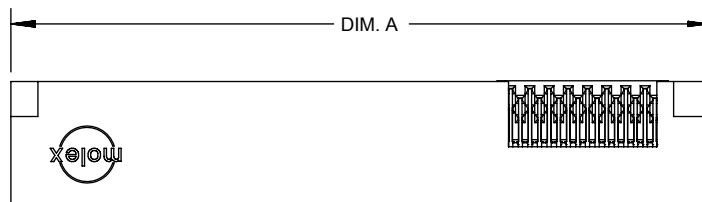
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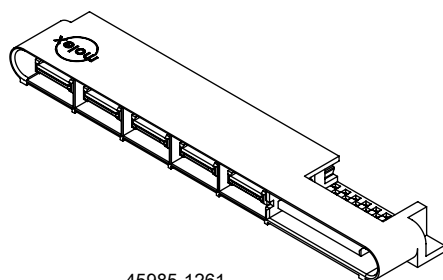
NO OF SIGNAL	MATERIAL NUMBER	DIM A REF	DIM P	PCB THK
12	45985-1211	79.66	4.50	3.18
16	45985-1221	82.20		
20	45985-1231	84.74		
24	45985-1241	87.28		
28	45985-1251	89.82		
32	45985-1261	92.36		
36	45985-1271	94.90	3.60	2.36
40	45985-1281	97.44		
12	45985-1212	79.66		
16	45985-1222	82.20		
20	45985-1232	84.74		
24	45985-1242	87.28		
28	45985-1252	89.82	2.90	1.57
32	45985-1262	92.36		
36	45985-1272	94.90		
40	45985-1282	97.44		
12	45985-1213	79.66		
16	45985-1223	82.20		
20	45985-1233	84.74	2.90	1.57
24	45985-1243	87.28		
28	45985-1253	89.82		
32	45985-1263	92.36		
36	45985-1273	94.90		
40	45985-1283	97.44		



GUIDE OPTIONS

NOTE:

1. SEE SHEET 1 FOR DIMENSIONS NOT SHOWN.



45985-1261
(SHOWN FOR REFERENCE)
SEE CHART

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DIMENSION UNITS	SCALE	CURRENT REV DESC: TAIL LENGTH DIM. UPDATED				
MM	1:1					
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 641079		LPH PLUG ASSEMBLY RT ANGLE 10 CIRCUIT POWER CONNECTOR		
ANGULAR TOL ± 0.5°		DRWN: HK02 2019/05/24				
4 PLACES ±		CHK'D: MBELLE 2019/11/11		PRODUCT CUSTOMER DRAWING		
3 PLACES ±		APPR: HTHYAGARAJ 2020/08/21				
2 PLACES ± 0.25		INITIAL REVISION:		DOCUMENT NUMBER		
1 PLACE ±		DRWN: SCHAFER 2005/06/20		SD-45985-100		
0 PLACES ±		APPR: MARGULIS 2005/06/22		DOC TYPE DOC PART REVISION		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SHEET NUMBER
				A-SIZE		2 OF 5
		SERIES		MATERIAL NUMBER		CUSTOMER
		45985		SEE CHARTS		GENERAL MARKET

DOCUMENT STATUS	P1	RELEASE DATE	2020/08/21	09:59:54
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FORMAT: master-db-prod-A
REVISION: H
DATE: 2018/01/18

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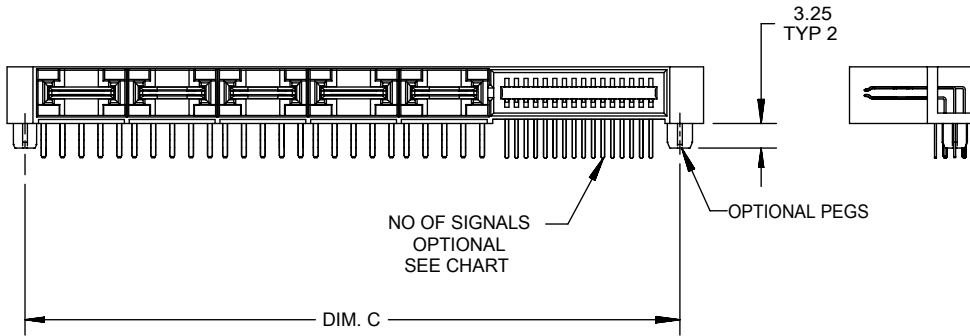
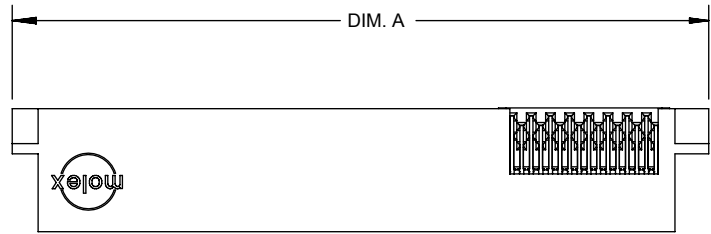
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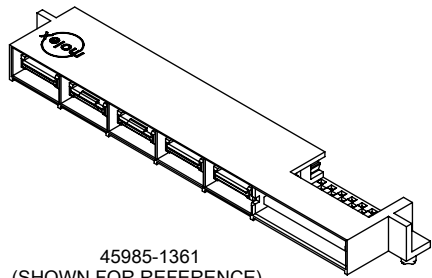
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2

1



MOUNTING PEG OPTIONS



45985-1361
(SHOWN FOR REFERENCE)
SEE CHART

NO OF SIGNAL	MATERIAL NUMBER	DIM A REF	DIM C	DIM P	PCB THK
12	45985-1311	79.66	73.98	4.50	3.18
16	45985-1321	82.20	76.52		
20	45985-1331	84.74	79.06		
24	45985-1341	87.28	81.60		
28	45985-1351	89.82	84.14		
32	45985-1361	92.36	86.68	3.60	2.36
36	45985-1371	94.90	89.22		
40	45985-1381	97.44	91.76		
12	45985-1312	79.66	73.98		
16	45985-1322	82.20	76.52		
20	45985-1332	84.74	79.06	2.90	1.57
24	45985-1342	87.28	81.60		
28	45985-1352	89.82	84.14		
32	45985-1362	92.36	86.68		
36	45985-1372	94.90	89.22		
40	45985-1382	97.44	91.76	2.90	1.57
12	45985-1313	79.66	73.98		
16	45985-1323	82.20	76.52		
20	45985-1333	84.74	79.06		
24	45985-1343	87.28	81.60		
28	45985-1353	89.82	84.14		
32	45985-1363	92.36	86.68		
36	45985-1373	94.90	89.22		
40	45985-1383	97.44	91.76		

NOTE:
1. SEE SHEET 1 FOR DIMENSIONS NOT SHOWN.

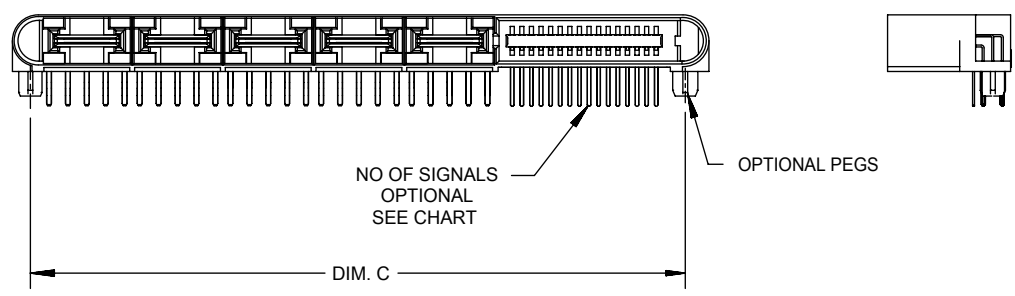
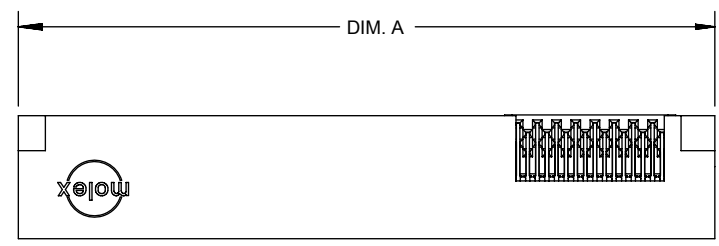
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS MM	SCALE 1:1	CURRENT REV DESC: TAIL LENGTH DIM. UPDATED		molex		
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 641079				
ANGULAR TOL	± 0.5°	DRWN: HK02 2019/05/24		PRODUCT CUSTOMER DRAWING		
4 PLACES	±	CHK'D: MBELLE 2019/11/11		DOCUMENT NUMBER		
3 PLACES	±	APPR: HTHYAGARAJ 2020/08/21		SD-45985-100		
2 PLACES	± 0.25	INITIAL REVISION:		DOC TYPE	DOC PART	REVISION
1 PLACE	±	DRWN: SCHAFER 2005/06/20		PSD	001	D3
0 PLACES	±	APPR: MARGULIS 2005/06/22		SHEET NUMBER		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER
			A-SIZE	45985	SEE CHARTS	GENERAL MARKET
						3 OF 5

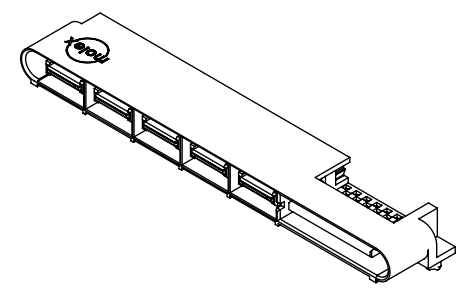
DOCUMENT STATUS	P1	RELEASE DATE	2020/08/21	09:59:54
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NO OF SIGNAL	MATERIAL NUMBER	DIM A REF	DIM C	DIM P	PCB THK
12	45985-1411	79.66	73.98	4.50	3.18
16	45985-1421	82.20	76.52		
20	45985-1431	84.74	79.06		
24	45985-1441	87.28	81.60		
28	45985-1451	89.82	84.14		
32	45985-1461	92.36	86.68		
36	45985-1471	94.90	89.22	3.60	2.36
40	45985-1481	97.44	91.76		
12	45985-1412	79.66	73.98		
16	45985-1422	82.20	76.52		
20	45985-1432	84.74	79.06		
24	45985-1442	87.28	81.60		
28	45985-1452	89.82	84.14	2.90	1.57
32	45985-1462	92.36	86.68		
36	45985-1472	94.90	89.22		
40	45985-1482	97.44	91.76		
12	45985-1413	79.66	73.98		
16	45985-1423	82.20	76.52		
20	45985-1433	84.74	79.06		
24	45985-1443	87.28	81.60		
28	45985-1453	89.82	84.14		
32	45985-1463	92.36	86.68		
36	45985-1473	94.90	89.22		
40	45985-1483	97.44	91.76		

NOTE:
1. SEE SHEET 1 FOR ALL OTHER DIMENSIONS.



GUIDE & MOUNTING PEG OPTIONS

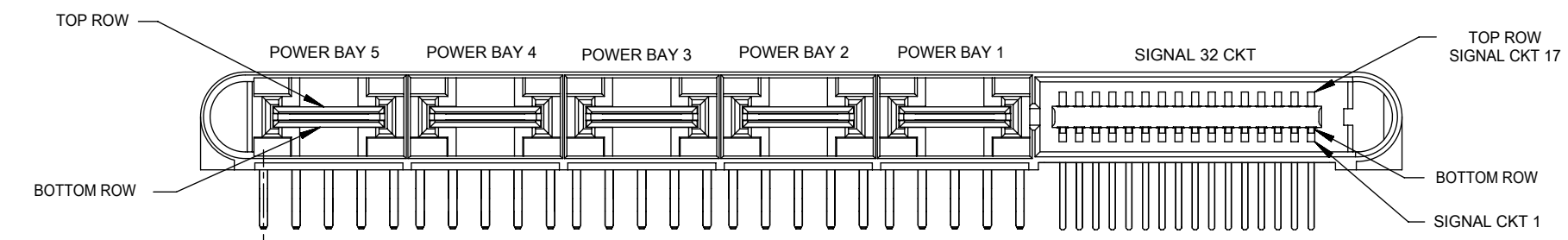


45985-1461
(SHOWN FOR REFERENCE)
SEE CHART

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS MM		SCALE 1:1		CURRENT REV DESC: TAIL LENGTH DIM. UPDATED				molex	
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 641079					
ANGULAR TOL ± 0.5°		4 PLACES ±		DRWN: HK02		2019/05/24		RT ANGLE 10 CIRCUIT POWER CONNECTOR	
3 PLACES ±		2 PLACES ± 0.25		CHK'D: MBELLE		2019/11/11		PRODUCT CUSTOMER DRAWING	
1 PLACE ±		0 PLACES ±		APPR: HTHYAGARAJ		2020/08/21		INITIAL REVISION:	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER	
				A-SIZE		45985		SD-45985-100	
				MATERIAL NUMBER		CUSTOMER		DOC TYPE DOC PART REVISION	
				SEE CHARTS		GENERAL MARKET		PSD 001 D3	
DOCUMENT STATUS		P1		RELEASE DATE		2020/08/21 09:59:54		SHEET NUMBER	
								4 OF 5	

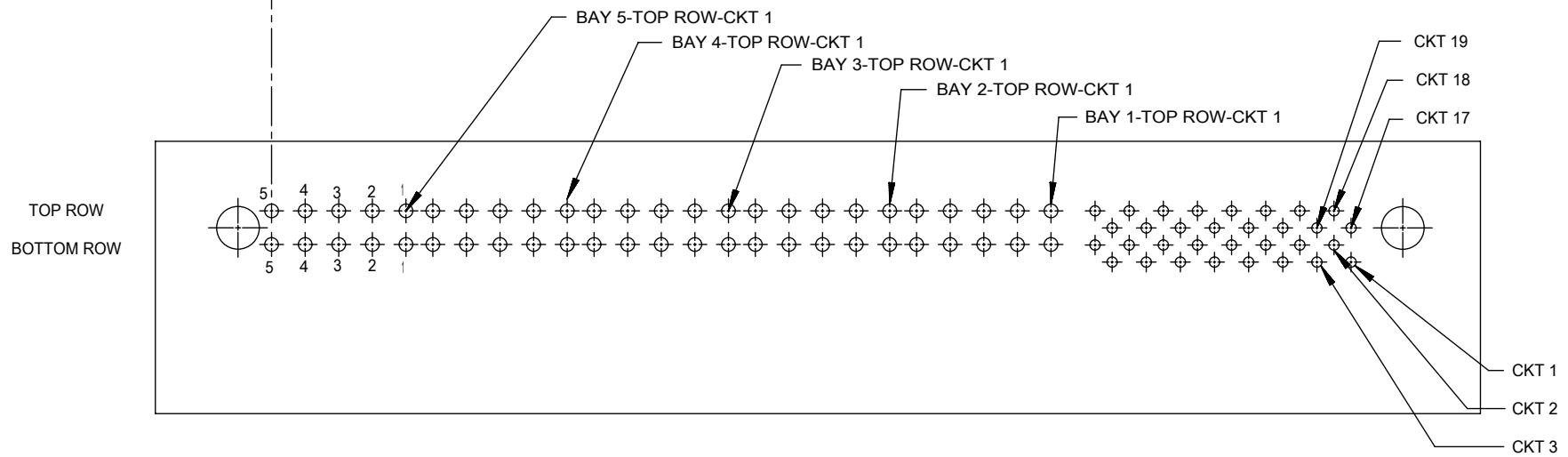
D

D



C

C



PCB LAYOUT: COMPONENT SIDE

B

B

A

A

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DIMENSION UNITS MM		SCALE 1:1		CURRENT REV DESC: TAIL LENGTH DIM. UPDATED			molex		
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 641079					
ANGULAR TOL ± 0.5°		4 PLACES ±		DRWN: HK02 2019/05/24			PRODUCT CUSTOMER DRAWING		
3 PLACES ±		2 PLACES ± 0.25		CHK'D: MBELLE 2019/11/11			DOCUMENT NUMBER		
1 PLACE ±		0 PLACES ±		APPR: HTHYAGARAJ 2020/08/21			SD-45985-100		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING A-SIZE		SERIES 45985		CUSTOMER GENERAL MARKET	
						MATERIAL NUMBER SEE CHARTS		REVISION D3	

DOCUMENT STATUS	P1	RELEASE DATE	2020/08/21	09:59:54
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