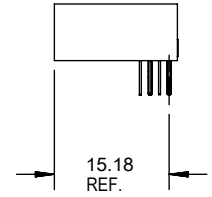
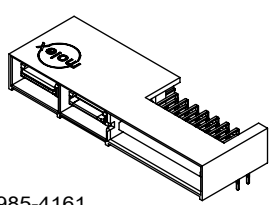


- NOTES:
- MATERIAL: HOUSING: GLASS FILLED LCP (LIQUID CRYSTAL POLYMER); UL94V-0; COLOR: BLACK
POWER CONTACT: COPPER ALLOY
SIGNAL CONTACT: PHOSPHOR BRONZE
 - FINISH: SELECT GOLD 0.76 MICROMETER/30 MICRINCH MINIMUM;
SELECT TIN 3.81 MICROMETER/150 MICRINCH MINIMUM;
BOTH OVER NICKEL 1.27 MICROMETER/50 MICRINCH MINIMUM.
 - PRODUCT SPECIFICATION: PS-45984-001
 - PACKAGING SPECIFICATION: TRAY PER PK-45984-001
 - SEE SHEET 5 FOR CIRCUIT IDENTIFICATION.
 - PARTS ARE RoHS COMPLIANT.
 - PEG HOLES ARE OPTIONAL PCB FEATURES AND ARE REQUIRED ONLY WITH THE PEGGED OPTIONS.
 - MATES WITH MOLEX RECEPTACLE SERIES 45984-4***.
 - 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	45985-4111	36.16	4.50	3.18
16	45985-4121	38.70		
20	45985-4131	41.24		
24	45985-4141	43.78		
28	45985-4151	46.32		
32	45985-4161	48.86	3.60	2.36
36	45985-4171	51.40		
40	45985-4181	53.94		
12	45985-4112	36.16		
16	45985-4122	38.70		
20	45985-4132	41.24	2.90	1.57
24	45985-4142	43.78		
28	45985-4152	46.32		
32	45985-4162	48.86		
36	45985-4172	51.40		
40	45985-4182	53.94	2.90	1.57
12	45985-4113	36.16		
16	45985-4123	38.70		
20	45985-4133	41.24		
24	45985-4143	43.78		
28	45985-4153	46.32	48.86	51.40
32	45985-4163	48.86		
36	45985-4173	51.40		
40	45985-4183	53.94		



45985-4161
(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	
ANGULAR TOL	± 0.5°	DRWN: HK02	2019/05/24
4 PLACES	±	CHK'D: MBELLE	2019/11/11
3 PLACES	±	APPR: HTHYAGARAJ	2020/08/21
2 PLACES	± 0.25	INITIAL REVISION:	
1 PLACE	±	DRWN: JSCHAFFER	6-10-05
0 PLACES	±	APPR: YMARGUL IS	6-15-05

molex

LPH PLUG ASSEMBLY
RT ANGLE 4 CIRCUIT POWER CONNECTOR

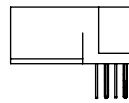
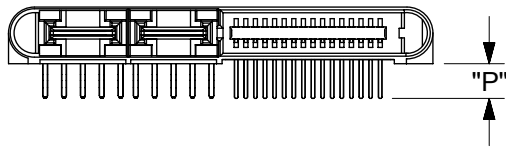
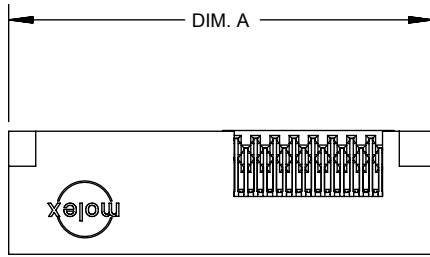
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-45985-400	PSD	001	D3

DOCUMENT STATUS	P1	RELEASE DATE	2020/08/21	10:00:01
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
		A-SIZE	45985	SEE CHART	GENERAL MARKET	1 OF 5

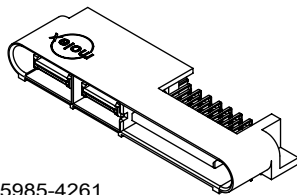
FORMAT: master-ib-proof-A
REVISION: H
DATE: 2018/01/18



GUIDE OPTIONS

NO OF SIGNAL	MATERIAL NUMBER	DIM A REF	DIM P	PCB THK
12	45985-4211	43.66	4.50	3.18
16	45985-4221	46.20		
20	45985-4231	48.74		
24	45985-4241	51.28		
28	45985-4251	53.82		
32	45985-4261	56.36		
36	45985-4271	58.90	3.60	2.36
40	45985-4281	61.44		
12	45985-4212	43.66		
16	45985-4222	46.20		
20	45985-4232	48.74		
24	45985-4242	51.28		
28	45985-4252	53.82		
32	45985-4262	56.36		
36	45985-4272	58.90		
40	45985-4282	61.44	2.90	1.57
12	45985-4213	43.66		
16	45985-4223	46.20		
20	45985-4233	48.74		
24	45985-4243	51.28		
28	45985-4253	53.82		
32	45985-4263	56.36		
36	45985-4273	58.90		
40	45985-4283	61.44		

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

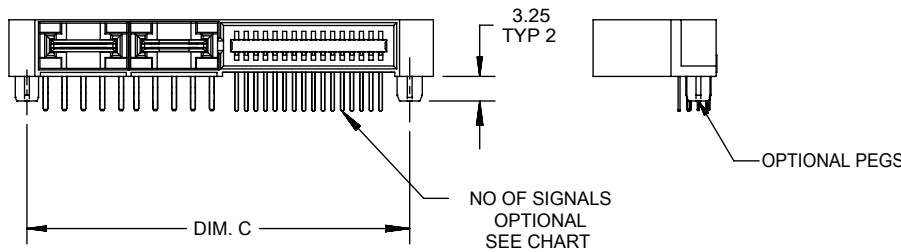
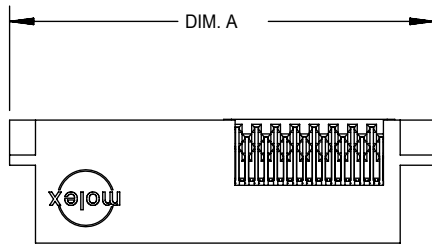


45985-4261
(SHOWN FOR REFERENCE)
SEE CHART

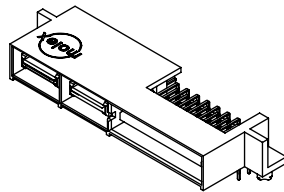
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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°		DRWN: HK02 2019/05/24	PRODUCT CUSTOMER DRAWING		
4 PLACES ±		CHK'D: MBELLE 2019/11/11	DOCUMENT NUMBER	DOC TYPE	DOC PART
3 PLACES ±		APPR: HTHYAGARAJ 2020/08/21	SD-45985-400	PSD	001
2 PLACES ± 0.25		INITIAL REVISION:	REVISION		D3
1 PLACE ±		DRWN: JSCHAFFER 6-10-05			
0 PLACES ±		APPR: YMARGUL IS 6-15-05			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER
		A-SIZE	45985	SEE CHART	GENERAL MARKET
					SHEET NUMBER
					2 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2020/08/21	10:00:01
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MOUNTING PEG OPTIONS



45985-4361
(SHOWN FOR REFERENCE)
SEE CHART

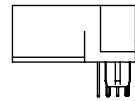
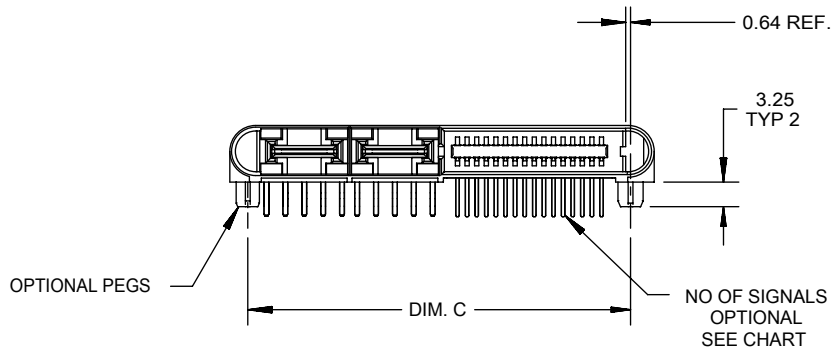
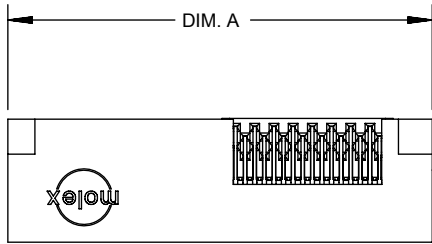
NO OF SIGNAL	MATERIAL NUMBER	DIM A REF	DIM C	DIM P	PCB THK
12	45985-4311	43.66	37.98	4.50	3.18
16	45985-4321	46.20	40.52		
20	45985-4331	48.74	43.06		
24	45985-4341	51.28	45.60		
28	45985-4351	53.82	48.14		
32	45985-4361	56.36	50.68		
36	45985-4371	58.90	53.22	3.60	2.36
40	45985-4381	61.44	55.76		
12	45985-4312	43.66	37.98		
16	45985-4322	46.20	40.52		
20	45985-4332	48.74	43.06		
24	45985-4342	51.28	45.60		
28	45985-4352	53.82	48.14		
32	45985-4362	56.36	50.68		
36	45985-4372	58.90	53.22	2.90	1.57
40	45985-4382	61.44	55.76		
12	45985-4313	43.66	37.98		
16	45985-4323	46.20	40.52		
20	45985-4333	48.74	43.06		
24	45985-4343	51.28	45.60		
28	45985-4353	53.82	48.14		
32	45985-4363	56.36	50.68		
36	45985-4373	58.90	53.22	2.90	1.57
40	45985-4383	61.44	55.76		

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

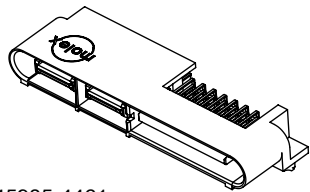
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS MM	SCALE 1:1	CURRENT REV DESC: TAIL LENGTH DIM. UPDATED		molex			
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 641079					LPH PLUG ASSEMBLY RT ANGLE 4 CIRCUIT POWER CONNECTOR
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-45985-400		DOC TYPE	
2 PLACES ± 0.25		INITIAL REVISION:		PSD		DOC PART	
1 PLACE ±		DRWN: JSCHAFFER	6-10-05	001		REVISION	
0 PLACES ±		APPR: YMARGUL IS	6-15-05	D3			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
			A-SIZE	45985	SEE CHART	GENERAL MARKET	3 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2020/08/21	10:00:01
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GUIDE & MOUNTING PEG OPTIONS



45985-4461
(SHOWN FOR REFERENCE)
SEE CHART

NO OF SIGNAL	MATERIAL NUMBER	DIM A REF	DIM C	DIM P	PCB THK
12	45985-4411	43.66	37.98	4.50	3.18
16	45985-4421	46.20	40.52		
20	45985-4431	48.74	43.06		
24	45985-4441	51.28	45.60		
28	45985-4451	53.82	48.14		
32	45985-4461	56.36	50.68	3.60	2.36
36	45985-4471	58.90	53.22		
40	45985-4481	61.44	55.76		
12	45985-4412	43.66	37.98		
16	45985-4422	46.20	40.52		
20	45985-4432	48.74	43.06	2.90	1.57
24	45985-4442	51.28	45.60		
28	45985-4452	53.82	48.14		
32	45985-4462	56.36	50.68		
36	45985-4472	58.90	53.22		
40	45985-4482	61.44	55.76	2.90	1.57
12	45985-4413	43.66	37.98		
16	45985-4423	46.20	40.52		
20	45985-4433	48.74	43.06		
24	45985-4443	51.28	45.60		
28	45985-4453	53.82	48.14		
32	45985-4463	56.36	50.68		
36	45985-4473	58.90	53.22		
40	45985-4483	61.44	55.76		

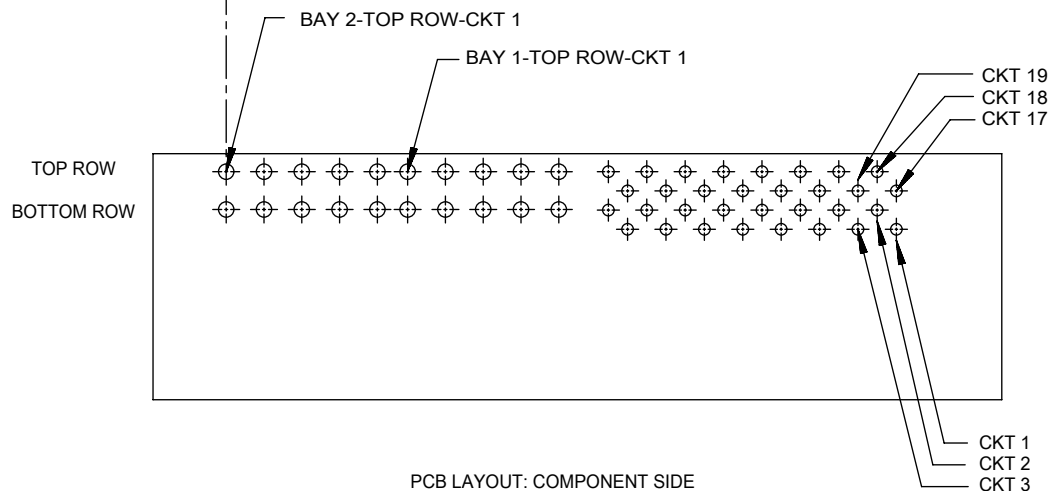
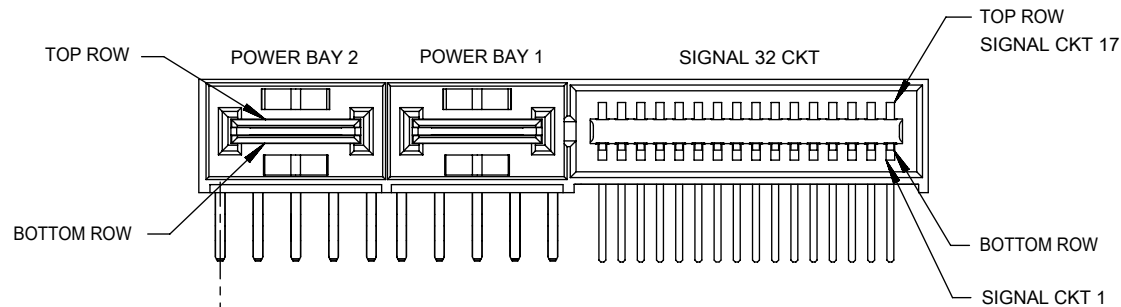
NOTE:
1. SEE SHEET 1 FOR DIMENSIONS NOT SHOWN.

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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						LPH PLUG ASSEMBLY RT ANGLE 4 CIRCUIT POWER CONNECTOR
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-45985-400		DOC TYPE	DOC PART	REVISION
2 PLACES	± 0.25	INITIAL REVISION:		PSD		001	D3	
1 PLACE	±	DRWN: JSCHAFFER 6-10-05						
0 PLACES	±	APPR: YMARGUL IS 6-15-05						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER
			A-SIZE	45985	SEE CHART	GENERAL MARKET		4 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2020/08/21	10:00:01
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CIRCUIT NUMBERING SYSTEM



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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°		DRWN: HK02 2019/05/24		PRODUCT CUSTOMER DRAWING			
4 PLACES ±		CHK'D: MBELLE 2019/11/11		DOCUMENT NUMBER			DOC TYPE
3 PLACES ±		APPR: HTHYAGARAJ 2020/08/21		SD-45985-400			PSD
2 PLACES ± 0.25		INITIAL REVISION:		REVISION			001
1 PLACE ±		DRWN: JSCHAFFER 6-10-05		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			D3
0 PLACES ±		APPR: YMARGUL IS 6-15-05		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER
					A-SIZE	45985	SEE CHART
							CUSTOMER
							GENERAL MARKET
							SHEET NUMBER
							5 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2020/08/21	10:00:01
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FORMAT: master db-prod-A
REVISION: H
DATE: 2018/01/18