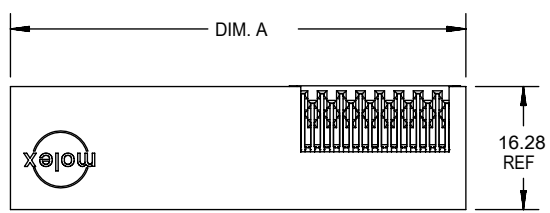
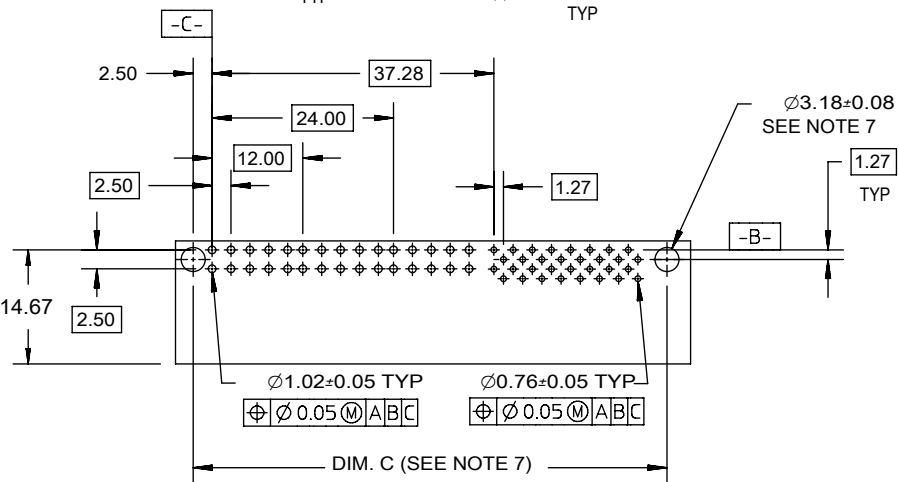
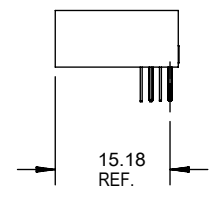
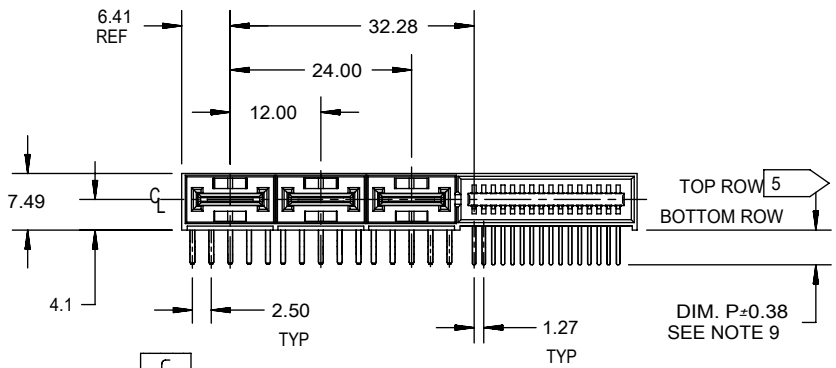


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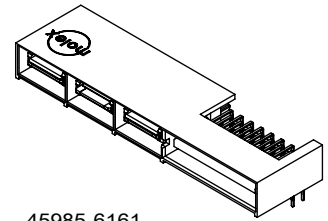


- NOTES:
- MATERIAL:
HOUSING: GLASS FILLED LCP (LIQUID CRYSTAL POLYMER);
UL94V-0; COLOR: BLACK.
POWER CONTACT: COPPER ALLOY
SIGNAL CONTACT: PHOSPHOR BRONZE
 - FINISH: SELECT GOLD 0.76 MICROMETER/30 MICROINCH MINIMUM;
SELECT TIN 3.81 MICROMETER/100 MICROINCH MINIMUM;
BOTH OVER NICKEL 1.27 MICROMETER/50 MICROINCH MIN.
 - 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 HOUSING OPTIONS.
 - MATES WITH MOLEX RECEPTACLE SERIES 45984-6***.
 - 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	45985-6111	48.16	4.50	3.18
16	45985-6121	50.70		
20	45985-6131	53.24		
24	45985-6141	55.78		
28	45985-6151	58.32		
32	45985-6161	60.86	3.60	2.36
36	45985-6171	63.40		
40	45985-6181	65.94		
12	45985-6112	48.16		
16	45985-6122	50.70		
20	45985-6132	53.24	2.90	1.57
24	45985-6142	55.78		
28	45985-6152	58.32		
32	45985-6162	60.86		
36	45985-6172	63.40		
40	45985-6182	65.94	2.90	1.57
12	45985-6113	48.16		
16	45985-6123	50.70		
20	45985-6133	53.24		
24	45985-6143	55.78		
28	45985-6153	58.32	2.90	1.57
32	45985-6163	60.86		
36	45985-6173	63.40		
40	45985-6183	65.94		



PCB LAYOUT: COMPONENT SIDE
THKNSS: SEE CHART



45985-6161
(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	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	6-9-05
0 PLACES	±	APPR: YMARGUL IS	6-15-05

molex

LPH PLUG ASSEMBLY
RT ANGLE 6 CIRCUIT POWER CONNECTOR

PRODUCT CUSTOMER DRAWING

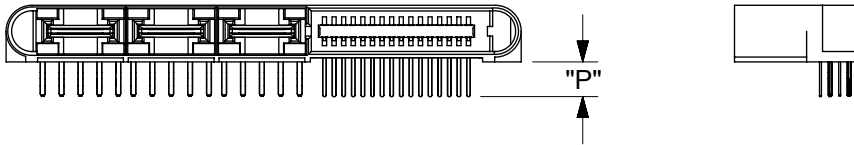
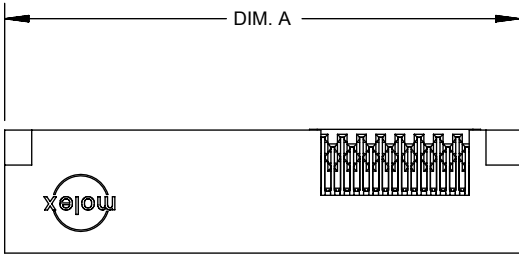
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-45985-600	PSD	001	D3

DOCUMENT STATUS	P1	RELEASE DATE	2020/08/21	10:00:02
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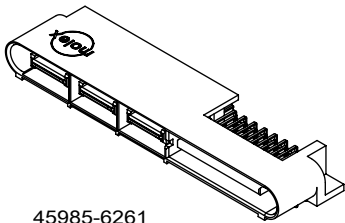
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
		A-SIZE	45985	SEE CHART	GENERAL MARKET	1 OF 5

6 5 4 3 2 1

FORMAT: master-db-prod-A
REVISION: H
DATE: 2018/01/18



GUIDE OPTIONS



45985-6261
(SHOWN FOR REFERENCE)
SEE CHART

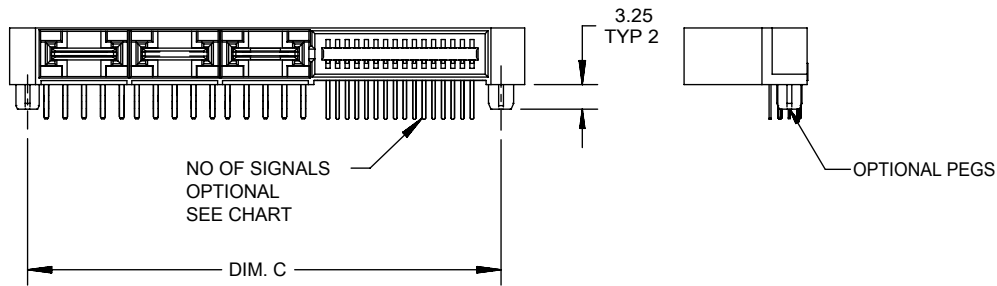
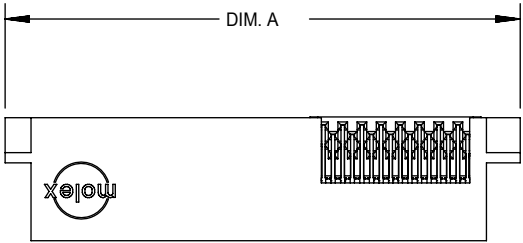
NO OF SIGNAL	MATERIAL NUMBER	DIM A REF	DIM P	PCB THK
12	45985-6211	55.66	4.50	3.18
16	45985-6221	58.20		
20	45985-6231	60.74		
24	45985-6241	63.28		
28	45985-6251	65.82		
32	45985-6261	68.36		
36	45985-6271	70.90	3.60	2.36
40	45985-6281	73.44		
12	45985-6212	55.66		
16	45985-6222	58.20		
20	45985-6232	60.74		
24	45985-6242	63.28		
28	45985-6252	65.82	2.90	1.57
32	45985-6262	68.36		
36	45985-6272	70.90		
40	45985-6282	73.44		
12	45985-6213	55.66		
16	45985-6223	58.20		
20	45985-6233	60.74		
24	45985-6243	63.28		
28	45985-6253	65.82		
32	45985-6263	68.36		
36	45985-6273	70.90		
40	45985-6283	73.44		

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 6 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-45985-600		DOC TYPE	
2 PLACES ± 0.25		INITIAL REVISION:		PSD		DOC PART	
1 PLACE ±		DRWN: JSCHAFFER	6-9-05	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	2 OF 5

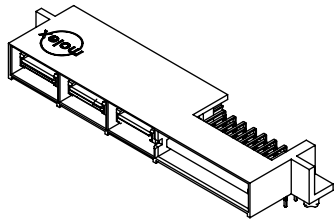
DOCUMENT STATUS	P1	RELEASE DATE	2020/08/21	10:00:02
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MOUNTING PEG OPTIONS

NO OF SIGNAL	MATERIAL NUMBER	DIM A REF	DIM C	DIM P	PCB THK
12	45985-6311	55.66	49.98	4.50	3.18
16	45985-6321	58.20	52.52		
20	45985-6331	60.74	55.06		
24	45985-6341	63.28	57.60		
28	45985-6351	65.82	60.14		
32	45985-6361	68.36	62.68		
36	45985-6371	70.90	65.22	3.60	2.36
40	45985-6381	73.44	67.76		
12	45985-6312	55.66	49.98		
16	45985-6322	58.20	52.52		
20	45985-6332	60.74	55.06		
24	45985-6342	63.28	57.60		
28	45985-6352	65.82	60.14		
32	45985-6362	68.36	62.68		
36	45985-6372	70.90	65.22		
40	45985-6382	73.44	67.76		
12	45985-6313	55.66	49.98		
16	45985-6323	58.20	52.52		
20	45985-6333	60.74	55.06		
24	45985-6343	63.28	57.60		
28	45985-6353	65.82	60.14		
32	45985-6363	68.36	62.68		
36	45985-6373	70.90	65.22		
40	45985-6383	73.44	67.76		
12	45985-6314	55.66	49.98		
16	45985-6324	58.20	52.52		
20	45985-6334	60.74	55.06		
24	45985-6344	63.28	57.60		
28	45985-6354	65.82	60.14		
32	45985-6364	68.36	62.68		
36	45985-6374	70.90	65.22		
40	45985-6384	73.44	67.76		

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

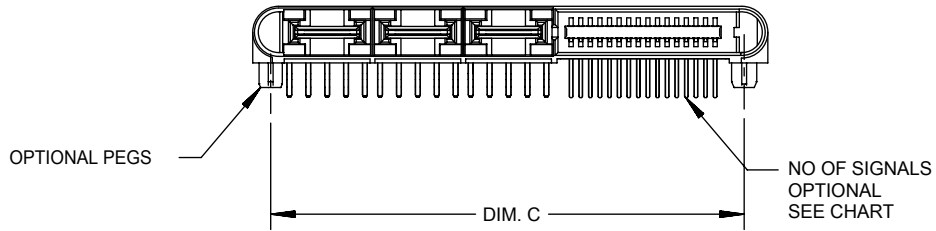
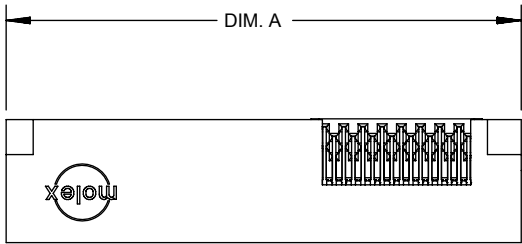


45985-6361
(SHOWN FOR REFERENCE)
SEE CHART

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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		DOCUMENT NUMBER		
3 PLACES	±	APPR: HTHYAGARAJ 2020/08/21		SD-45985-600		
2 PLACES	± 0.25	INITIAL REVISION:		DOC TYPE	DOC PART	REVISION
1 PLACE	±	DRWN: JSCHAFFER 6-9-05		PSD	001	D3
0 PLACES	±	APPR: YMARGUL IS 6-15-05		SHEET NUMBER		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER
			A-SIZE	45985	SEE CHART	GENERAL MARKET
						3 OF 5

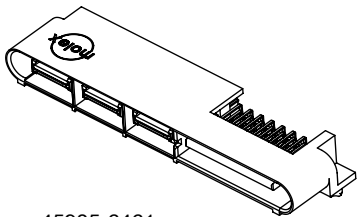
DOCUMENT STATUS	P1	RELEASE DATE	2020/08/21	10:00:02
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GUIDE & MOUNTING PEG OPTIONS

NO OF SIGNAL	MATERIAL NUMBER	DIM A REF	DIM C	DIM P	PCB THK
12	45985-6411	55.66	49.98	4.50	3.18
16	45985-6421	58.20	52.52		
20	45985-6431	60.74	55.06		
24	45985-6441	63.28	57.60		
28	45985-6451	65.82	60.14		
32	45985-6461	68.36	62.68	3.60	2.36
36	45985-6471	70.90	65.22		
40	45985-6481	73.44	67.76		
12	45985-6412	55.66	49.98		
16	45985-6422	58.20	52.52		
20	45985-6432	60.74	55.06	2.90	1.57
24	45985-6442	63.28	57.60		
28	45985-6452	65.82	60.14		
32	45985-6462	68.36	62.68		
36	45985-6472	70.90	65.22		
40	45985-6482	73.44	67.76	2.90	1.57
12	45985-6413	55.66	49.98		
16	45985-6423	58.20	52.52		
20	45985-6433	60.74	55.06		
24	45985-6443	63.28	57.60		
28	45985-6453	65.82	60.14		
32	45985-6463	68.36	62.68		
36	45985-6473	70.90	65.22		
40	45985-6483	73.44	67.76		

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



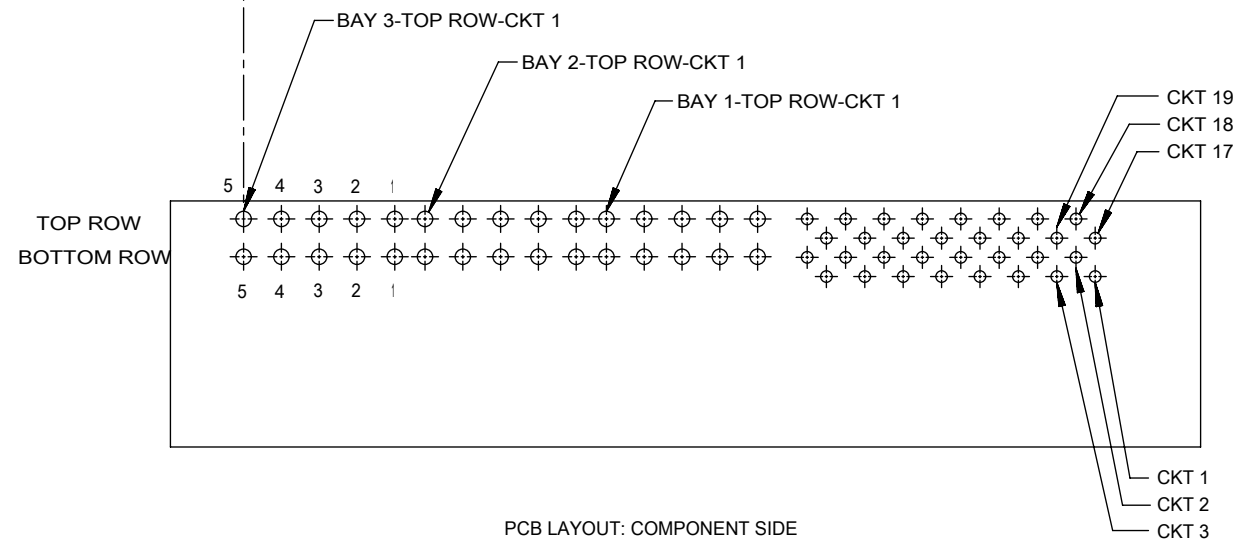
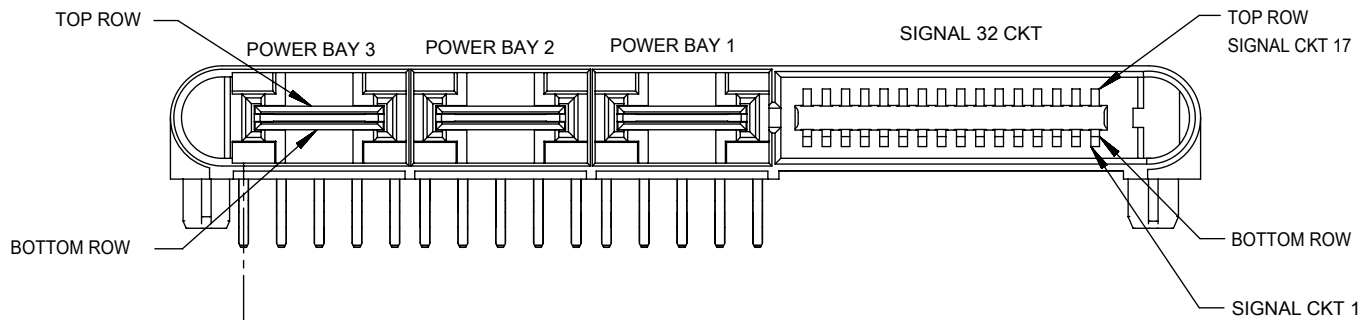
45985-6461
(SHOWN FOR REFERENCE)
SEE CHART

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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		DOCUMENT NUMBER		
3 PLACES	±	APPR: HTHYAGARAJ 2020/08/21		SD-45985-600		
2 PLACES	± 0.25	INITIAL REVISION:		DOC TYPE	DOC PART	REVISION
1 PLACE	±	DRWN: JSCHAFFER 6-9-05		PSD	001	D3
0 PLACES	±	APPR: YMARGUL IS 6-15-05		SHEET NUMBER		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER
			A-SIZE	45985	SEE CHART	GENERAL MARKET

DOCUMENT STATUS	P1	RELEASE DATE	2020/08/21	10:00:02
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CIRCUIT IDENTIFICATION



PCB LAYOUT: COMPONENT SIDE

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DIMENSION UNITS MM	SCALE 1:1	CURRENT REV DESC: TAIL LENGTH DIM. UPDATED					
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 641079					LPH PLUG ASSEMBLY RT ANGLE 6 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-45985-600			
2 PLACES ± 0.25		INITIAL REVISION:		DOC TYPE			
1 PLACE ±		DRWN: JSCHAFFER 6-9-05		PSD			
0 PLACES ±		APPR: YMARGUL IS 6-15-05		DOC PART			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	REVISION
			A-SIZE	45985	SEE CHART	GENERAL MARKET	D3
							SHEET NUMBER
							5 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2020/08/21	10:00:02
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FORMAT: master db-prod-A
REVISION: H
DATE: 2018/01/18