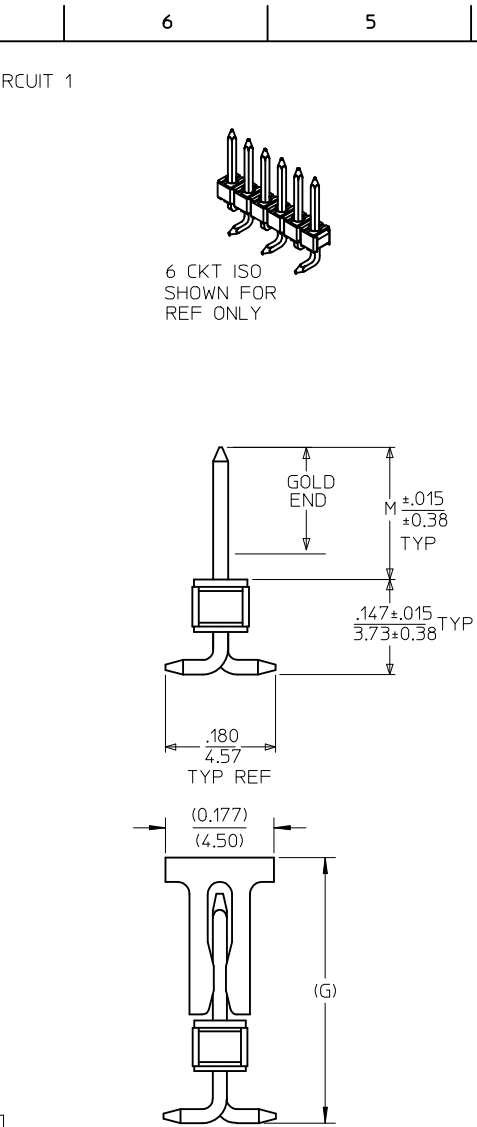
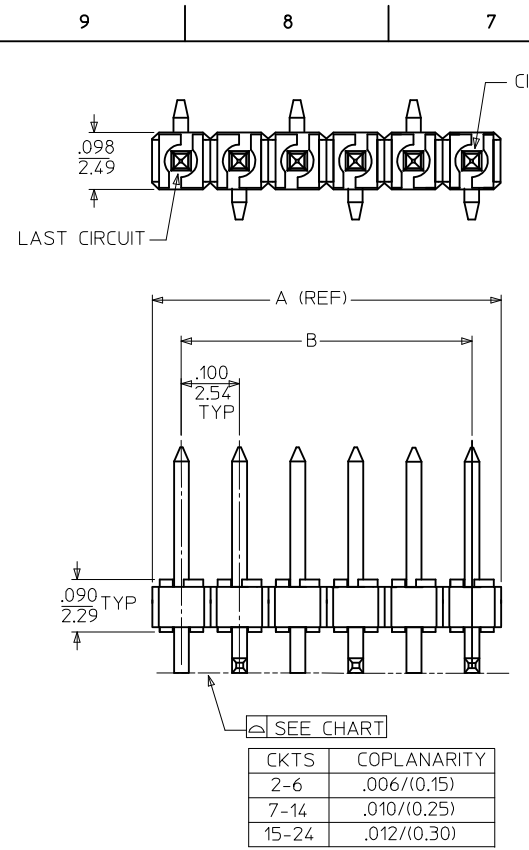


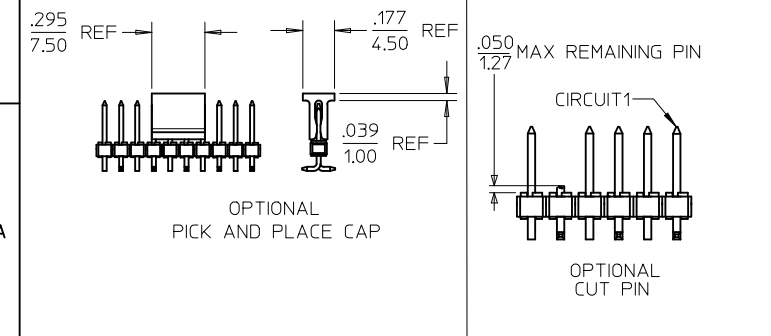
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NO. OF CKTS	A	B								
2**	.200 5.08									
3	.300 7.62	.200 5.08								
4	.400 10.16	.300 7.62								
5	.500 12.70	.400 10.16								
6	.600 15.24	.500 12.70								
7	.700 17.78	.600 15.24								
8	.800 20.32	.700 17.78								
9	.900 22.86	.800 20.32								
10	1.000 25.40	.900 22.86								
11	1.100 27.94	1.000 25.40								
12	1.200 30.48	1.100 27.94								
13	1.300 33.02	1.200 30.48								
14	1.400 35.56	1.300 33.02								
15	1.500 38.10	1.400 35.56								
16	1.600 40.64	1.500 38.10								
17	1.700 43.18	1.600 40.64								
18	1.800 45.72	1.700 43.18								
19	1.900 48.26	1.800 45.72								
20	2.000 50.80	1.900 48.26								
21	2.100 53.34	2.000 50.80								
22	2.200 55.88	2.100 53.34								
23	2.300 58.42	2.200 55.88								
24	2.400 60.96	2.300 58.42								



NOTES:

- MATERIAL:
HOUSING: NYLON 46, GLASS FILLED, UL94V-0, COLOR: BLACK
PIN: .025/0.64 SQ PIN, PHOSPHOR BRONZE
- FINISH:
A - *(154) OVERALL TIN: THICKNESS = .000100/0.00254 MIN
B - (208) SELECTIVE GOLD IN CONTACT AREA: THICKNESS = .000015/0.00038 MIN
C - (228) SELECTIVE GOLD IN CONTACT AREA: THICKNESS = .000030/0.00076 MIN.
* SELECTIVE TIN IN PC TAIL AREA: THICKNESS = .000100/0.00254 MIN
OVERALL NICKEL UNDERPLATE: .000050/0.00127 MIN
* THE PRIMARY SHIPPING CARTON WILL BE LABELED, 'COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC', AND CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN LEAD.
- PRODUCT SPEC: PS-87920-019
- PACKAGING INFORMATION:
TUBE PACK : PK-89990-514
TAPE & REEL : PK-68300-001
- PARTS ARE NOT STACKABLE ON .100/2.54 CENTERS.
- TWO CKT PARTS WILL REQUIRE SUPPORT DURING THE SOLDER PROCESS.
- PLEASE CONTACT SALES/ FACTORY FOR TOOLING ACTIVATION OF TAPE & REEL PACKAGING.

PCB LAYOUT: COMPONENT SIDE



ADD T&R P/N 68301-0400 EC NO: S2009-0634 DRWN:SKANG CHKD:ATSEE APPR:MLONG 2009/04/01 2009/04/06 2009/04/14	QUALITY SYMBOLS ▽=0 ◁=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY SAMIAC	DATE 2000/10/28	CUSTOM HEADER .100/(2.54) CENTERLINE VERTICAL/SMT SINGLE ROW MOLEX INCORPORATED SD-68301-001	
						CHECKED BY SAMIAC	DATE 2000/10/28		
						APPROVED BY EDGLE	DATE 2000/10/28		
M6	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		DOCUMENT NO.		SHEET NO.	
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		1 OF 5	

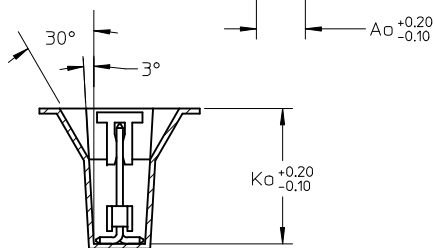
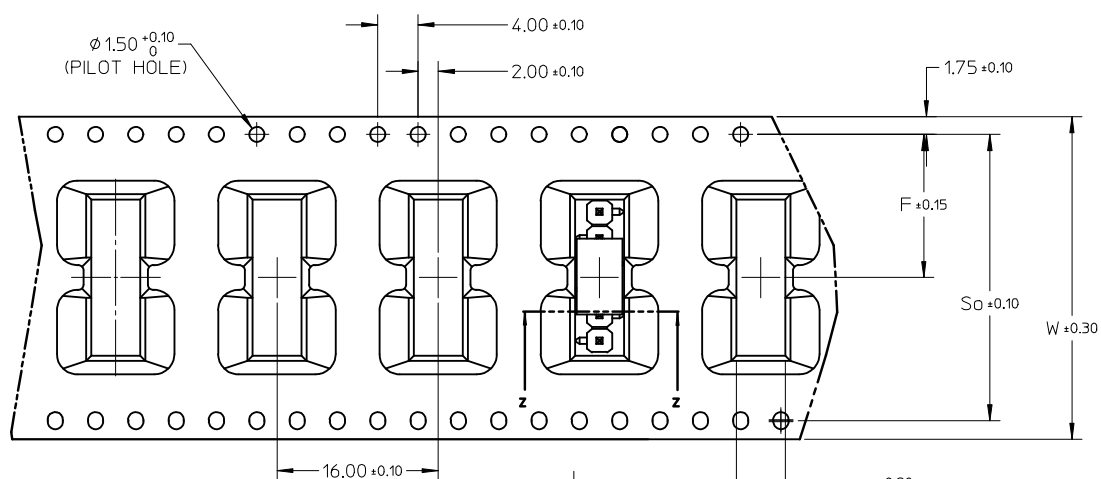
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	MATERIAL NO	OPTIONAL SUB ASSY	PLT REF	DIM M	DIM G	CKT SIZE	VOID CKT #	KINKED PIN	PICK & PLACE CAP	CUT PIN CKT NO.																																											
F	68301-1007	42375-0010	154	.240 6.10	.433 10.99	10	NONE	NONE	YES	-																																											
	68301-1109	42375-0115	154	.320 8.13	-	10	NONE	NONE	-	-																																											
	68301-1159 	42375-0116	154	.320 8.13	.513 13.02	11	NONE	NONE	YES	-																																											
	68301-1063	-	154	.240 6.10	-	12	NONE	NONE	-	-																																											
	68301-1111	42375-0117	154	.320 8.13	-	12	NONE	NONE	-	-																																											
	68301-1157	NONE	208	.605 15.37	-	12	NONE	NONE	-	-																																											
E	68301-1065	42375-0014	154	.240 6.10	-	14	NONE	NONE	-	-																																											
	68301-1129	42375-0154	208	.320 8.13	-	14	NONE	NONE	-	-																																											
	68301-1113	42375-0121	154	.320 8.13	-	14	NONE	NONE	-	-																																											
	68301-1066	42375-0015	154	.240 6.10	-	15	NONE	NONE	-	-																																											
	68301-1067	42375-0016	154	.240 6.10	-	16	NONE	NONE	-	-																																											
	68301-1115	42375-0121	154	.320 8.13	-	16	NONE	NONE	-	-																																											
D	68301-1069	42375-0018	154	.240 6.10	-	18	NONE	NONE	-	-																																											
	68301-1117	42375-0123	154	.320 8.13	-	18	NONE	NONE	-	-																																											
	68301-1119	42375-0125	154	.320 8.13	-	20	NONE	NONE	-	-																																											
	68301-1071	42375-0020	154	.240 6.10	-	20	NONE	NONE	-	-																																											
	68301-1072	42375-0021	154	.240 6.10	-	21	NONE	NONE	-	-																																											
	68301-1123	42375-0129	154	.320 8.13	-	24	NONE	NONE	-	-																																											
C																																																					
B																																																					
A																																																					
<table><tr><td rowspan="5">ADD T&R P/N 68301-0400 EC NO: S2009-0634 DRWN:SKANG CHKD:ATSEE APPR:MLONG M6</td><td rowspan="5">DESCRIPTION REV</td><td rowspan="5">QUALITY SYMBOLS =0 =0</td><td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td colspan="2">DIMENSION STYLE IN/MM</td><td>SCALE NTS</td><td>DESIGN UNITS INCH</td><td rowspan="5"> THIRD ANGLE PROJECTION</td></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td><td>DRAWN BY SAMIAC</td><td>DATE 2000/10/28</td><td rowspan="4">TITLE CUSTOM HEADER .100/(2.54) CENTERLINE VERTICAL/SMT SINGLE ROW MOLEX INCORPORATED</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± .005</td><td>CHECKED BY SAMIEC</td><td>DATE 2000/10/28</td></tr><tr><td>2 PLACES</td><td>± 0.13</td><td>± .010</td><td>APPROVED BY EDGLEY</td><td>DATE 2000/10/28</td></tr><tr><td>1 PLACE</td><td>± 0.25</td><td>± ---</td><td colspan="2">MATERIAL NO. SEE TABLE</td><td>DOCUMENT NO. SD-68301-001</td><td>SHEET NO. 2 OF 5</td></tr><tr><td colspan="3">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td>SIZE A3</td><td colspan="6">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td></tr></table>											ADD T&R P/N 68301-0400 EC NO: S2009-0634 DRWN:SKANG CHKD:ATSEE APPR:MLONG M6	DESCRIPTION REV	QUALITY SYMBOLS  =0  =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION	4 PLACES	± ---	± ---	DRAWN BY SAMIAC	DATE 2000/10/28	TITLE CUSTOM HEADER .100/(2.54) CENTERLINE VERTICAL/SMT SINGLE ROW MOLEX INCORPORATED	3 PLACES	± ---	± .005	CHECKED BY SAMIEC	DATE 2000/10/28	2 PLACES	± 0.13	± .010	APPROVED BY EDGLEY	DATE 2000/10/28	1 PLACE	± 0.25	± ---	MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-68301-001	SHEET NO. 2 OF 5	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
ADD T&R P/N 68301-0400 EC NO: S2009-0634 DRWN:SKANG CHKD:ATSEE APPR:MLONG M6	DESCRIPTION REV	QUALITY SYMBOLS  =0  =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION																																												
			4 PLACES	± ---	± ---	DRAWN BY SAMIAC	DATE 2000/10/28	TITLE CUSTOM HEADER .100/(2.54) CENTERLINE VERTICAL/SMT SINGLE ROW MOLEX INCORPORATED																																													
			3 PLACES	± ---	± .005	CHECKED BY SAMIEC	DATE 2000/10/28																																														
			2 PLACES	± 0.13	± .010	APPROVED BY EDGLEY	DATE 2000/10/28																																														
			1 PLACE	± 0.25	± ---	MATERIAL NO. SEE TABLE				DOCUMENT NO. SD-68301-001	SHEET NO. 2 OF 5																																										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																																	
fb_frame_A3_P_AM_T Rev. E 2006/04/15	9	8	7	6	5	4	3	2	1																																												

	10		9		8		7		6		5		4		3		2		1		
F	MATERIAL NO.	OPTIONAL SUB ASSY	PLT REF	DIM M	DIM G	CKT SIZE	VOID CKT #	KINKED PIN	PICK & PLACE CAP	CUT PIN CKT NO.										F	
	68301-1054	42375-0002	154	.240 6.10	-	2	NONE	NONE	-	-											
	68301-1055	42375-0037	208	.240 6.10	-	2	NONE	NONE	-	-											
	68301-1056	42375-0072	228	.240 6.10	-	2	NONE	NONE	-	-											
	68301-1051	42375-0107	154	.320 8.13	-	2	NONE	NONE	-	-											
	68301-1009	42375-0038	208	.240 6.10	-	3	NONE	NONE	-	-										E	
E	68301-1014	42375-0003	154	.240 6.10	-	3	NONE	NONE	-	-											
	68301-1020	42375-0073	228	.240 6.10	-	3	NONE	NONE	-	-											
	68301-1031	42375-0108	154	.320 8.13	-	3	NONE	NONE	-	-											
	68301-1037	42375-0143	208	.320 8.13	-	3	NONE	NONE	-	-											
	68301-1010	42375-0039	208	.240 6.10	-	4	NONE	NONE	-	-											
	68301-1015	42375-0004	154	.240 6.10	-	4	NONE	NONE	-	-											
	68301-1021	42375-0074	228	.240 6.10	-	4	NONE	NONE	-	-											
D	68301-1032	42375-0109	154	.320 8.13	-	4	NONE	NONE	-	-										D	
	68301-0400	-	228	.320 8.13	.513 13.02	4	NONE	NONE	YES	-											
	68301-1038	42375-0144	208	.320 8.13	-	4	NONE	NONE	-	-											
	68301-1006	42375-0040	208	.240 6.10	-	5	NONE	NONE	-	-											
	68301-1016	42375-0005	154	.240 6.10	-	5	NONE	NONE	-	-											
	68301-1033	42375-0110	154	.320 8.13	-	5	NONE	NONE	-	-											
C	68301-1039	42375-0145	208	.320 8.13	-	5	NONE	NONE	-	-										C	
B																					B
A																					A
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ADD T&R P/N 68301-0400 EC NO: S2009-0634 DRWN:SKANG 2009/04/01 CHKD:ATSEE 2009/04/06 APPR:MLONG 2009/04/14 M6		REV		QUALITY SYMBOLS ▽=0 ◻=0		GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± 0.13 ± .010 1 PLACE ± 0.25 ± --- ANGULAR ± 1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			DIMENSION STYLE IN/MM DRAWN BY DATE SAMIAC 2000/10/28 CHECKED BY DATE SAMIEC 2000/10/28 APPROVED BY DATE EDGLEY 2000/10/28 MATERIAL NO. SEE TABLE			SCALE NTS DESIGN UNITS INCH THIRD ANGLE PROJECTION CUSTOM HEADER .100/(2.54) CENTERLINE VERTICAL/SMT SINGLE ROW MOLEX INCORPORATED SD-68301-001			SHEET NO. 3 OF 5 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

	10		9		8		7		6		5		4		3		2		1																																																							
	ASSEMBLY IN TUBE	ASSEMBLY IN T&R WITH CAP	OPTIONAL SUB ASSY	PLT REF	DIM M	DIM G	CKT SIZE	VOID CKT #	KINKED PIN	PICK & PLACE CAP	CUT PIN CKT NO.																																																															
F	68301-1011	-	42375-0041	208	.240 6.10	-	6	NONE	NONE	-	-																																																															
	68301-1017	-	42375-0006	154	.240 6.10	-	6	NONE	NONE	-	-																																																															
	68301-1034	68301-1160	42375-0111	154	.320 8.13	.513 13.02	6	NONE	NONE	YES	-																																																															
	68301-1040	-	42375-0146	208	.320 8.13	-	6	NONE	NONE	-	-																																																															
	68301-1023	-	42375-0076	228	.240 6.10	-	6	NONE	NONE	-	-																																																															
	68301-1012	-	42375-0042	208	.240 6.10	-	7	NONE	NONE	-	-																																																															
E	68301-1018	-	42375-0007	154	.240 6.10	-	7	NONE	NONE	-	-																																																															
	68301-1035	-	42375-0112	154	.320 8.13	-	7	NONE	NONE	-	-																																																															
	68301-1041	-	42375-0147	208	.320 8.13	-	7	NONE	NONE	-	-																																																															
	68301-1013	-	42375-0043	208	.240 6.10	-	8	NONE	NONE	-	-																																																															
	68301-1029	-	-	228	.240 6.10	-	8	NONE	NONE	-	-																																																															
	68301-1019	-	42375-0008	154	.240 6.10	-	8	NONE	NONE	-	-																																																															
D	68301-1028	-	-	228	.505 12.83	-	8	NONE	NONE	-	-																																																															
	68301-1036	-	42375-0113	154	.320 8.13	-	8	NONE	NONE	-	-																																																															
	68301-1042	-	42375-0148	208	.320 8.13	-	8	NONE	NONE	-	-																																																															
	68301-0800	-	-	208	.605 15.37	-	8	NONE	NONE	-	-																																																															
	68301-1076	-	42375-0044	208	.240 6.10	-	9	NONE	NONE	-	-																																																															
	68301-1060	-	-	154	.240 6.10	-	9	NONE	NONE	-	-																																																															
C																																																																										
B																																																																										
A																																																																										
												<table><tr><td rowspan="6">ADD T&R P/N 68301-0400 EC NO: S2009-0634 DRWN:SKANG CHKD:ATSEE APPR:MLONG M6</td><td rowspan="6">QUALITY SYMBOLS ▼=0 ◻=0 DESCRIPTION REV</td><td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td colspan="2">DIMENSION STYLE IN/MM</td><td>SCALE NTS</td><td>DESIGN UNITS INCH</td><td colspan="2">THIRD ANGLE PROJECTION</td></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td><td>DRAWN BY SAMIAC</td><td>DATE 2000/10/28</td><td colspan="4" rowspan="3">CUSTOM HEADER .100/(2.54) CENTERLINE VERTICAL/SMT SINGLE ROW MOLEX INCORPORATED</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± .005</td><td>CHECKED BY SAMIEC</td><td>DATE 2000/10/28</td></tr><tr><td>2 PLACES</td><td>± 0.13</td><td>± .010</td><td>APPROVED BY EDGLEY</td><td>DATE 2000/10/28</td></tr><tr><td>1 PLACE</td><td>± 0.25</td><td>± ---</td><td colspan="2">MATERIAL NO. SEE TABLE</td><td colspan="2">DOCUMENT NO. SD-68301-001</td><td>SHEET NO. 4 OF 5</td></tr><tr><td colspan="2">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td colspan="2">SIZE A3</td><td colspan="6">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td></tr></table>								ADD T&R P/N 68301-0400 EC NO: S2009-0634 DRWN:SKANG CHKD:ATSEE APPR:MLONG M6	QUALITY SYMBOLS ▼=0 ◻=0 DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		4 PLACES	± ---	± ---	DRAWN BY SAMIAC	DATE 2000/10/28	CUSTOM HEADER .100/(2.54) CENTERLINE VERTICAL/SMT SINGLE ROW MOLEX INCORPORATED				3 PLACES	± ---	± .005	CHECKED BY SAMIEC	DATE 2000/10/28	2 PLACES	± 0.13	± .010	APPROVED BY EDGLEY	DATE 2000/10/28	1 PLACE	± 0.25	± ---	MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-68301-001		SHEET NO. 4 OF 5	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
ADD T&R P/N 68301-0400 EC NO: S2009-0634 DRWN:SKANG CHKD:ATSEE APPR:MLONG M6	QUALITY SYMBOLS ▼=0 ◻=0 DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION																																																																		
		4 PLACES	± ---	± ---	DRAWN BY SAMIAC	DATE 2000/10/28	CUSTOM HEADER .100/(2.54) CENTERLINE VERTICAL/SMT SINGLE ROW MOLEX INCORPORATED																																																																			
		3 PLACES	± ---	± .005	CHECKED BY SAMIEC	DATE 2000/10/28																																																																				
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		1 PLACE	± 0.25	± ---	MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-68301-001		SHEET NO. 4 OF 5																																																																	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																																																				
fb_frame_A3_P_AM_T Rev. E 2006/04/15	9	8	7	6	5	4	3	2	1																																																																	

CKT SIZE	QTY/ REEL	Ao	Ko	F	So	W	TYPE
4	TBD	4.85	13.40	11.50	-	24.00	B
6	230	4.85	13.40	14.20	28.40	32.00	A
10	230	4.90	11.30	20.20	40.40	44.00	A

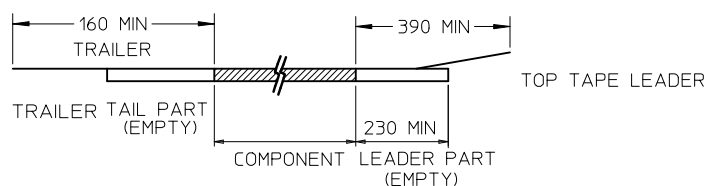
EMBOSSED TYPE A



SECTION Z-Z

NOTES:

1. LEADER AND TRAILER TAPE

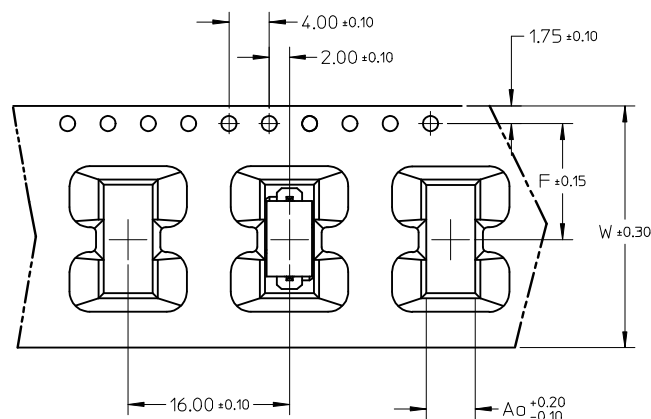


2. PEELING OFF FORCE OF THE TOP TAPE: 60gf MAX. (PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)



- THE TAPE IS TREATED FOR ANTI ESD
- PACKAGING STANDARD AS PER EIA-481.
- ABOVE PACKAGING ILLUSTRATION IS FOR 6CKT ONLY.

EMBOSSED TYPE B



CUSTOMER PULL
OUT DIRECTION

ADD T&R P/N 68301-0400 EC NO: S2009-0634 DRWN:SKANG CHKD:ATSEE APPR:MLONG			2009/04/01 2009/04/06 2009/04/14		DESCRIPTION ▽=0 ▽=0	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
							mm INCH	DRAWN BY SAMIAC	DATE 2000/10/28	TITLE CUSTOM HEADER .100/(2.54) CENTERLINE VERTICAL/SMT SINGLE ROW				
							3 PLACES ± --- ± .005	CHECKED BY SAMIEC	DATE 2000/10/28					
							2 PLACES ± 0.13 ± .010	APPROVED BY	DATE					
							1 PLACE ± 0.25 ± ---	EDGLE	2000/10/28	molex MOLEX INCORPORATED				
							ANGULAR ±1/2°	MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
							DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE		SD-68301-001		5 OF 5		
								THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						