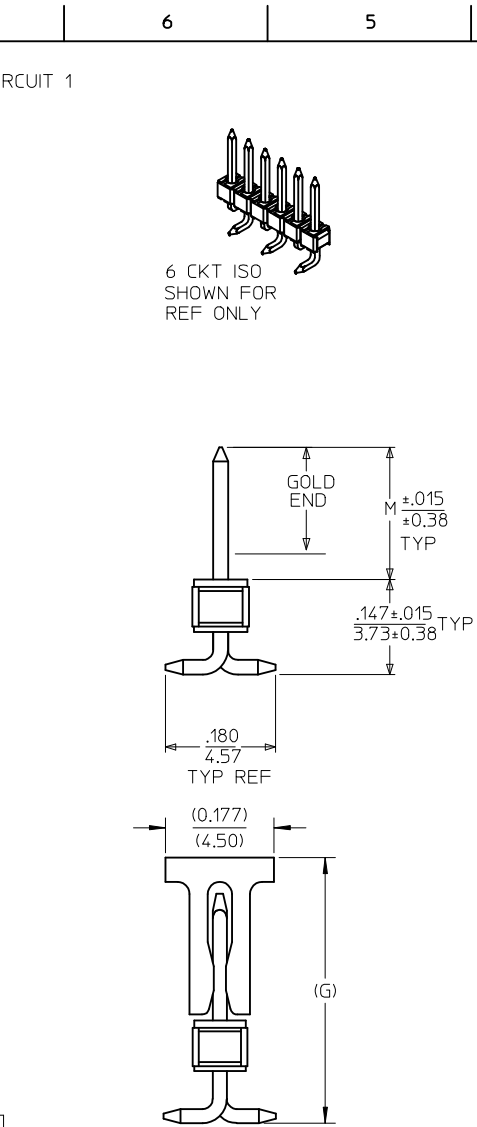
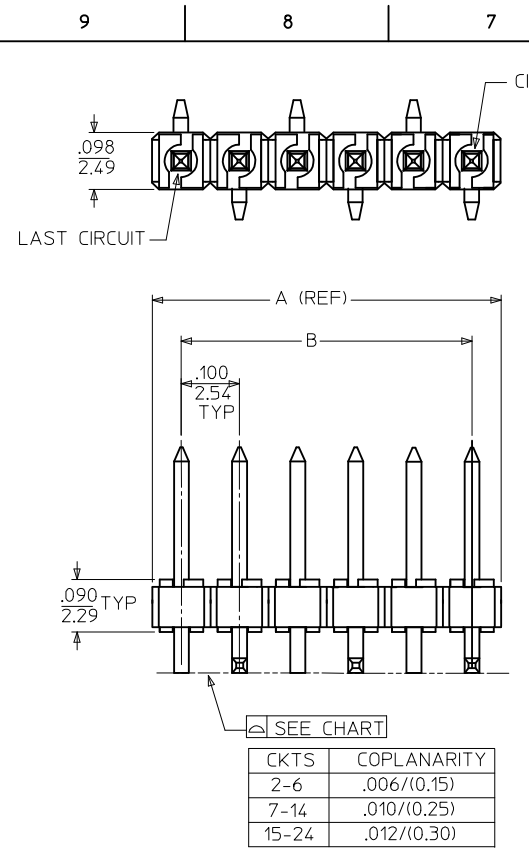


	10	9	8	7	6	5	4	3	2	1
NO. OF CKTS	A	B								
2**	.200 5.08									
3	.300 7.62	.200 5.08								
4	.400 10.16	.300 7.62								
5	.500 12.70	.400 10.16								
6	.600 15.24	.500 12.70								
7	.700 17.78	.600 15.24								
8	.800 20.32	.700 17.78								
9	.900 22.86	.800 20.32								
10	1.000 25.40	.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:

1. MATERIAL:
HOUSING: NYLON 46, GLASS FILLED, UL94V-0,
COLOR: BLACK
PIN: .025/0.64 SQ PIN, PHOSPHOR BRONZE

2. 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.

3. PRODUCT SPEC: PS-87920-019

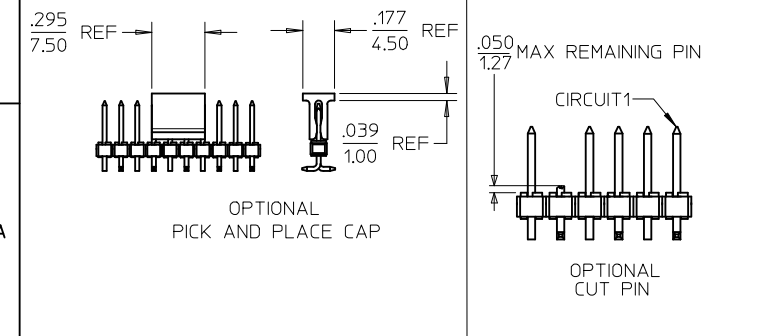
4. PACKAGING INFORMATION:
TUBE PACK : PK-89990-514
TAPE & REEL : PK-68300-001

5. PARTS ARE NOT STACKABLE ON .100/2.54 CENTERS.

**6. TWO CKT PARTS WILL REQUIRE SUPPORT DURING THE SOLDER PROCESS.

7. 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:KANG CHKD:ATSEE APPR:MLONG	2009/04/01 2009/04/06 2009/04/14	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 C=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± 0.13 ± .010 1 PLACE ± 0.25 ± --- ANGULAR ± 1/2°	DIMENSION STYLE IN/MM DRAWN BY DATE SAMIAC 2000/10/28 CHECKED BY DATE SAMIEC 2000/10/28 APPROVED BY DATE EDGLE Y 2000/10/28 MATERIAL NO.	SCALE NTS DESIGN UNITS INCH THIRD ANGLE PROJECTION	TITLE CUSTOM HEADER .100/(2.54) CENTERLINE VERTICAL/SMT SINGLE ROW MOLEX INCORPORATED SD-68301-001	SHEET NO. 1 OF 5

	10	9		8		7		6		5	4	3	2	1																																																											
	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	-					F																																																										
	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	-	-					E																																																										
	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	-	-					D																																																										
	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															C																																																										
B															B																																																										
A															A																																																										
<table><tr><td rowspan="5">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</td><td rowspan="5">REV</td><td rowspan="5">DESCRIPTION</td><td rowspan="5">QUALITY SYMBOLS  </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></td><td>mm</td><td>INCH</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>4 PLACES</td><td>± ---</td><td>± ---</td><td>CHECKED BY SAMIAC</td><td>DATE 2000/10/28</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± .005</td><td></td><td></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><td colspan="4" rowspan="2">MATERIAL NO. SEE TABLE DOCUMENT NO. SD-68301-001 SHEET NO. 2 OF 5</td></tr><tr><td>1 PLACE</td><td>± 0.25</td><td>± ---</td><td colspan="2">ANGULAR ±1/2°</td></tr><tr><td colspan="4">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td colspan="2">SIZE A3</td><td colspan="8">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 2009/04/01 CHKD:ATSEE 2009/04/06 APPR:MLONG 2009/04/14 M6	REV	DESCRIPTION	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	CUSTOM HEADER .100/(2.54) CENTERLINE VERTICAL/SMT SINGLE ROW MOLEX INCORPORATED				4 PLACES	± ---	± ---	CHECKED BY SAMIAC	DATE 2000/10/28	3 PLACES	± ---	± .005			2 PLACES	± 0.13	± .010	APPROVED BY EDGLEY	DATE 2000/10/28	MATERIAL NO. SEE TABLE DOCUMENT NO. SD-68301-001 SHEET NO. 2 OF 5				1 PLACE	± 0.25	± ---	ANGULAR ±1/2°		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 2009/04/01 CHKD:ATSEE 2009/04/06 APPR:MLONG 2009/04/14 M6	REV	DESCRIPTION	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	CUSTOM HEADER .100/(2.54) CENTERLINE VERTICAL/SMT SINGLE ROW MOLEX INCORPORATED																																																																
				4 PLACES	± ---	± ---	CHECKED BY SAMIAC	DATE 2000/10/28																																																																	
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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
tb_frame_A3_P_AM_T Rev. F 2006/04/15		9	8	7	6	5	4	3	2	1											
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		-		-																						
E	68301-1023	-		42375-0076		228		.240 6.10		-		6		NONE		NONE		-		-																						
	68301-1012	-		42375-0042		208		.240 6.10		-		7		NONE		NONE		-		-																						
	68301-1018	-		42375-0007		154		.240 6.10		-		7		NONE		NONE		-		-																						
	68301-1035	-		42375-0112		154		.320 8.13		-		7		NONE		NONE		-		-																						
D	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		-		-																						
C	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		-		-																						
B	68301-1076	-		42375-0044		208		.240 6.10		-		9		NONE		NONE		-		-																						
	68301-1060	-		-		154		.240 6.10		-		9		NONE		NONE		-		-																						
A	ADD T&R P/N 68301-0400 EC NO: S2009-0634 DRWN:SKANG CHKD:ATSEE APPR:MLONG M6 REV QUALITY SYMBOLS ▼=0 ▽=0 GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± .005</td></tr><tr><td>2 PLACES</td><td>± 0.13</td><td>± .010</td></tr><tr><td>1 PLACE</td><td>± 0.25</td><td>± ---</td></tr><tr><td colspan="3">ANGULAR ±1/2°</td></tr><tr><td colspan="3">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td></tr></table> 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 MATERIAL NO. SEE TABLE DOCUMENT NO. SD-68301-001 SHEET NO. 4 OF 5																						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		
		mm	INCH																																							
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Rev. E 2006/04/15

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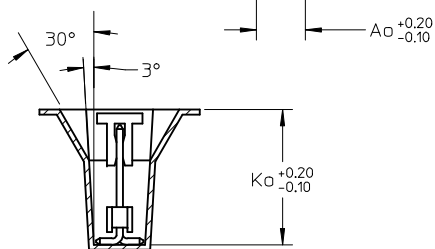
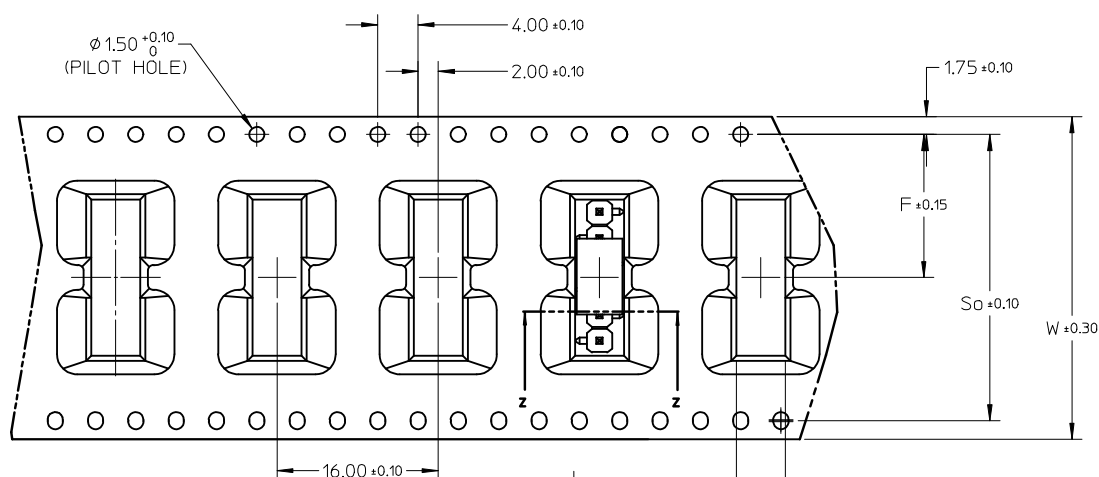
3

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

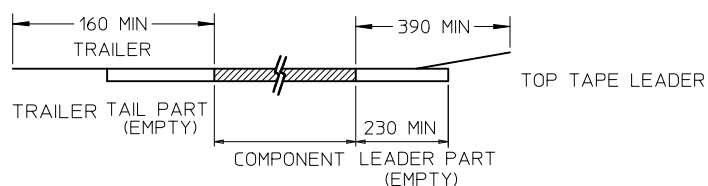
EMBOSSED TYPE A



SECTION Z-Z

NOTES:

1. LEADER AND TRAILER TAPE

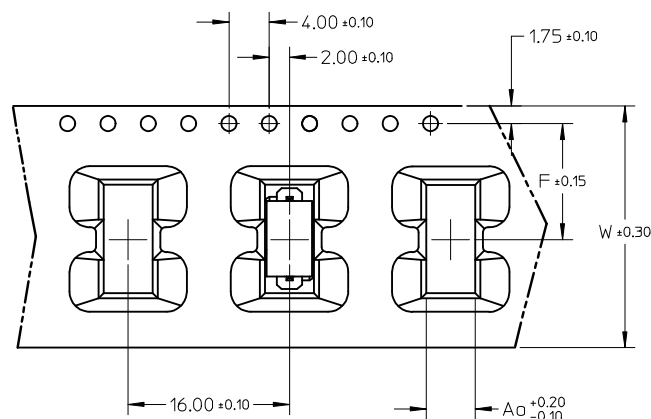


2. PEELING OFF FORCE OF THE TOP TAPE: 60gf MAX. (PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)



- 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		
				mmINCH		DRAWN BY SAMIAC		DATE 2000/10/28		TITLE CUSTOM HEADER .100/(2.54) CENTERLINE VERTICAL/SMT SINGLE ROW					
				3 PLACES ± --- ± .005		CHECKED BY SAMIAC		DATE 2000/10/28							
				2 PLACES ± 0.13 ± .010		APPROVED BY EDGLEY		DATE 2000/10/28		molex MOLEX INCORPORATED					
				1 PLACE ± 0.25 ± ---		MATERIAL NO.		DOCUMENT NO.						SHEET NO.	
M6		REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		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															