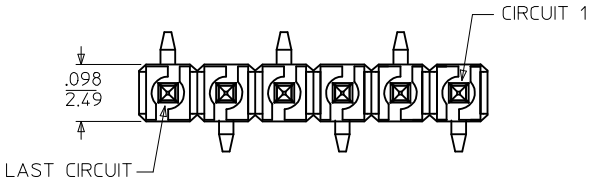
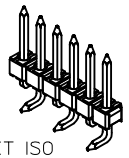
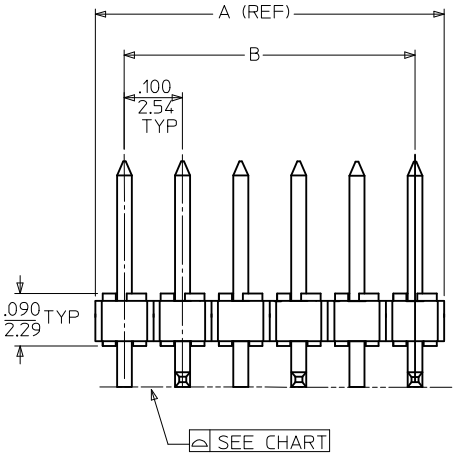
Downloaded from Arrow.com.

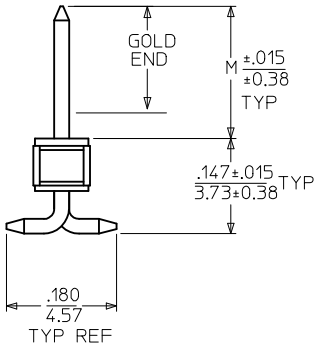
NO. OF CKTS	A	B
2**	.200 5.08	
3	.300 7.62	.200 5.08
4	.400 10.16	.300 7.62
5	.500 12.70	.400 10.16
6	.600 15.24	.500 12.70
7	.700 17.78	.600 15.24
8	.800 20.32	.700 17.78
9	.900 22.86	.800 20.32
10	1.000 25.40	.900 22.86
11	1.100 27.94	1.000 25.40
12	1.200 30.48	1.100 27.94
13	1.300 33.02	1.200 30.48
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

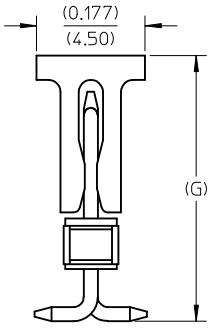






CKTS	COPLANARITY
2-6	.006/(0.15)
7-14	.010/(0.25)
15-24	.012/(0.30)



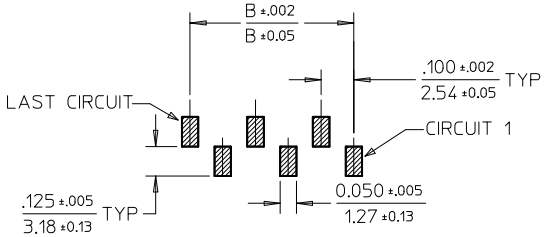


NOTES:

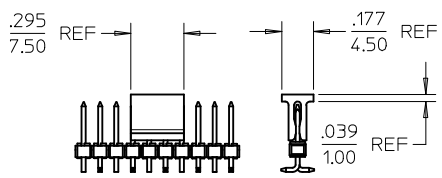
1. MATERIAL:
   HOUSING: NYLON 46, GLASS FILLED, UL94V-0,
   COLOR: BLACK
   PIN: .025/0.64 SQ PIN. PHOSPHOR BRONZE
2. FINISH:
   A - *(154) OVERALL TIN: THICKNESS = .000100/0.00254 MIN
   B - (208) SELECTIVE GOLD IN CONTACT AREA:
   THICKNESS = .000015/0.00038 MIN
   C - (228) SELECTIVE GOLD IN CONTACT 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.

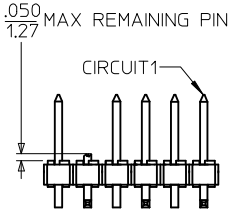
△7. PLEASE CONTACT SALES/ FACTORY FOR TOOLING ACTIVATION OF TAPE & REEL PACKAGING.



PCB LAYOUT: COMPONENT SIDE



OPTIONAL
PICK AND PLACE CAP



OPTIONAL
CUT PIN

ADD T&R P/N 68301-0400 2009/04/01
EC NO: S2009-0634 2009/04/06
DRWN:SKANG CH'KD:ATSEE APPR:MLONG 2009/04/14
DESCRIPTION
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	SCALE: NTS	DESIGN UNITS: INCH	THIRD ANGLE PROJECTION
DRAWN BY: SAMIAC	DATE: 2000/10/28	TITLE: CUSTOM HEADER .100/(2.54) CENTERLINE VERTICAL/SMT SINGLE ROW	
CHECKED BY: SAMIEC	DATE: 2000/10/28		
APPROVED BY: EDGLEY	DATE: 2000/10/28	MOLEX INCORPORATED	
MATERIAL NO.: SEE TABLE		DOCUMENT NO.: SD-68301-001	SHEET NO.: 1 OF 5

SIZE A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

Downloaded from Arrow.com.

MATERIAL NO	OPTIONAL SUB ASSY	PLT REF	DIM M	DIM G	CKT SIZE	VOID CKT #	KINKED PIN	PICK & PLACE CAP	CUT PIN CKT NO.
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 △7	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	-	-
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	-	-
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	-	-

ADD T&R P/N 68301-0400
EC NO: S2009-0634 2009/04/01
DRWN:SKANG 2009/04/06
CH'KD:ATSEE 2009/04/14
APPR:MLONG
DESCRIPTION
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
SCALE: NTS
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: SAMIAC DATE: 2000/10/28
CHECKED BY: SAMIEC DATE: 2000/10/28
APPROVED BY: EDGLEY DATE: 2000/10/28

TITLE: CUSTOM HEADER .100/(2.54) CENTERLINE VERTICAL/SMT SINGLE ROW

molex MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-68301-001
SHEET NO.: 2 OF 5
SIZE: A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

Downloaded from Arrow.com.

MATERIAL NO.	OPTIONAL SUB ASSY	PLT REF	DIM M	DIM G	CKT SIZE	VOID CKT #	KINKED PIN	PICK & PLACE CAP	CUT PIN CKT NO.
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	-	-
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	-	-
68301-1032	42375-0109	154	.320 8.13	-	4	NONE	NONE	-	-
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	-	-
68301-1039	42375-0145	208	.320 8.13	-	5	NONE	NONE	-	-

ADD T&R P/N 68301-0400 2009/04/01
EC NO: S2009-0634 2009/04/06
DRWN:SKANG CH'KD:ATSEE APPR:MLONG 2009/04/14
DESCRIPTION
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
SCALE: NTS
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: SAMIAC DATE: 2000/10/28
CHECKED BY: SAMIEC DATE: 2000/10/28
APPROVED BY: EDGLEY DATE: 2000/10/28

TITLE: CUSTOM HEADER .100/(2.54) CENTERLINE VERTICAL/SMT SINGLE ROW

MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-68301-001
SHEET NO.: 3 OF 5
SIZE: A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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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.
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	-	-
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	-	-
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	-	-

ADD T&R P/N 68301-0400
EC NO: S2009-0634 2009/04/01
DRWN:SKANG 2009/04/06
CH'KD:ATSEE 2009/04/14
APPR:MLONG
DESCRIPTION
REV
M6

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
SCALE: NTS
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: SAMIAC DATE: 2000/10/28
CHECKED BY: SAMIEC DATE: 2000/10/28
APPROVED BY: EDGLEY DATE: 2000/10/28

TITLE
CUSTOM HEADER
.100/(2.54) CENTERLINE
VERTICAL/SMT SINGLE ROW

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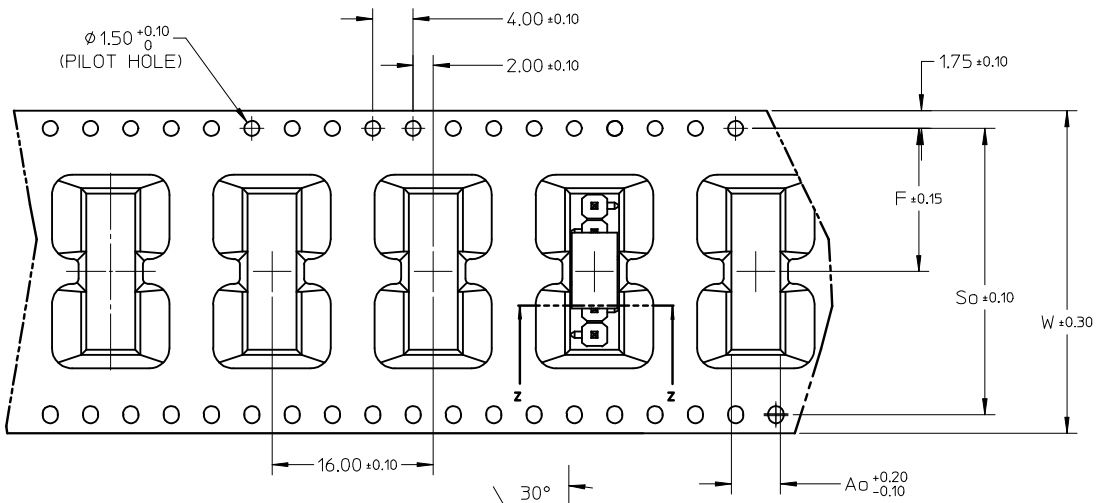
MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-68301-001
SHEET NO.: 4 OF 5
SIZE: A3

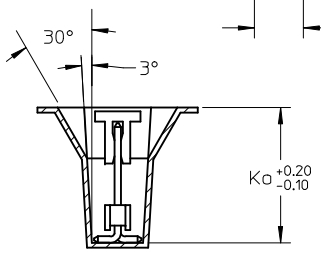
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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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

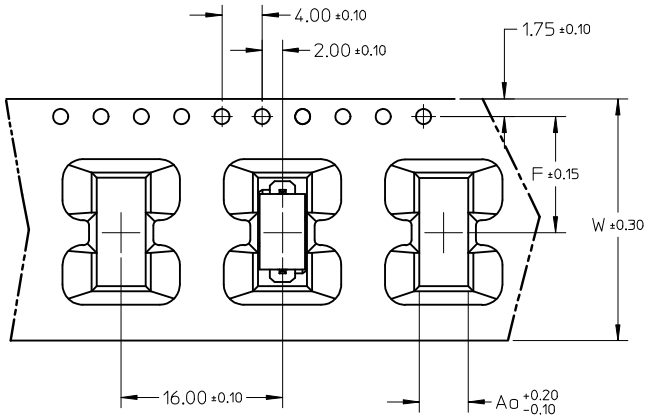
EMBOSSED TYPE A





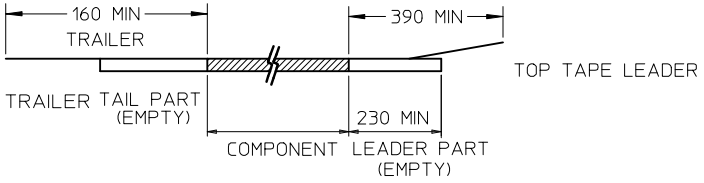
SECTION Z-Z

EMBOSSED TYPE B



NOTES:

1. LEADER AND TRAILER TAPE



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



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

ADD T&R P/N 68301-0400 2009/04/01
EC NO: S2009-0634 DRWN:SKANG 2009/04/06
CH'KD:ATSEE 2009/04/14
APPR:MLONG
DESCRIPTION
REV
M6

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
SCALE: NTS
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: SAMIAC DATE: 2000/10/28
CHECKED BY: SAMIEC DATE: 2000/10/28
APPROVED BY: EDGLEY DATE: 2000/10/28

TITLE: CUSTOM HEADER .100/(2.54) CENTERLINE VERTICAL/SMT SINGLE ROW

MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-68301-001
SHEET NO.: 5 OF 5
SIZE: A3

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