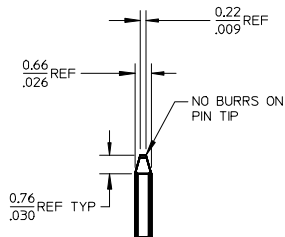
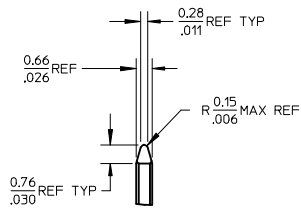


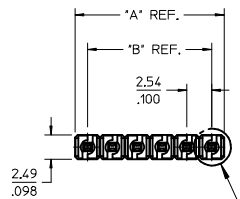
NO. CKTS	DIM. A	DIM. B
2	5.08 200	2.54 100
3	7.62 300	5.08 200
4	10.16 400	7.62 300
5	12.70 500	10.16 400
6	15.24 600	12.70 500
7	17.78 700	15.24 600
8	20.32 800	17.78 700
9	22.86 900	20.32 800
10	25.40 1000	22.86 900
11	27.94 1100	25.40 1000
12	30.48 1200	27.94 1100
13	33.02 1300	30.48 1200
14	35.56 1400	33.02 1300
15	38.10 1500	35.56 1400
16	40.64 1600	38.10 1500
17	43.18 1700	40.64 1600
18	45.72 1800	43.18 1700
19	48.26 1900	45.72 1800
20	50.80 2000	48.26 1900
21	53.34 2100	50.80 2000
22	55.88 2200	53.34 2100
23	58.42 2300	55.88 2200
24	60.96 2400	58.42 2300
25	63.50 2500	60.96 2400
26	66.04 2600	63.50 2500
27	68.58 2700	66.04 2600
28	71.12 2800	68.58 2700
29	73.66 2900	71.12 2800
30	76.20 3000	73.66 2900
31	78.74 3100	76.20 3000
32	81.28 3200	78.74 3100
33	83.82 3300	81.28 3200
34	86.36 3400	83.82 3300
35	88.90 3500	86.36 3400
36	91.44 3600	88.90 3500



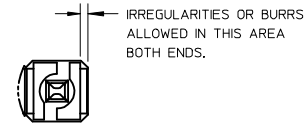
DETAIL X
SCALE 5:1
SEE NOTE 10



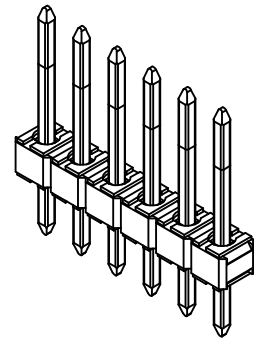
DETAIL Y
SCALE 5:1
SEE NOTE 10



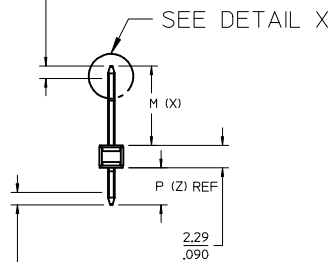
SEE DETAIL Z



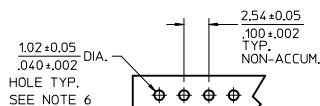
DETAIL Z
SCALE 5:1



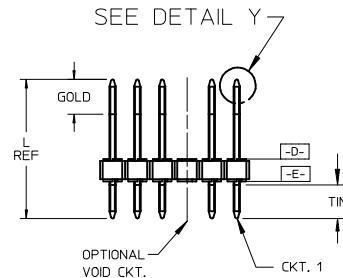
CENTERLINE OF PIN IN AREA SHOWN NOT TO VARY FROM
1.3 CENTERLINE OF PIN AT DATUM -D- BY MORE THAN
.05 (FOR DIM. X OF 12.70/500 OR LESS) 0.20/.008 IN ANY DIRECTION.
(FOR DIM. X OF 12.73/501 OR MORE) 0.30/.012 IN ANY DIRECTION



CENTERLINE OF PIN IN AREA SHOWN NOT TO VARY FROM
CENTERLINE OF PIN AT DATUM -E- BY MORE THAN
0.13/.005 IN ANY DIRECTION.



TYP. HOLE PATTERN
FOR 1.57/.062 THK. PCB



OPTIONAL KINK PIN
SEE NOTE 6

- NOTES:
1. MATERIAL: GLASS FILLED NYLON, UL94V-0, COLOR: BLACK
 2. FINISH:
 - (154) OVERALL TIN: 0.00254/.000100 MIN. OVER NICKEL: 0.00127/.000050 MIN.
 - (208) SELECT GOLD: 0.00038/.000015 MIN. SELECT TIN: 0.00254/.000100 MIN. WITH OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.
 - (228) SELECT GOLD: 0.00076/.000030 MIN. SELECT TIN: 0.00254/.000100 MIN. WITH OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.
 3. PRODUCT SPECIFICATION: PS 10-07.
 4. PACKAGING INFORMATION: SEE TABLES
 5. SOLDERABILITY PER SMES-152.
 6. KINK PIN OPTION NOT RECOMMENDED FOR 2 CIRCUIT PARTS. HOLE SIZE MAY NEED TO BE ADJUSTED FOR 2 CIRCUIT PARTS WITH KINK OPTION FOR PROPER INSERTION INTO THE PCB. SEE SMES-42003 FOR ADDITIONAL INFORMATION ON KINK PIN DIRECTION AND PLACEMENT.
 7. HEADERS ARE NOT STACKABLE ON 2.54/.100 CENTERS.
 8. PIN PUSH OUT FORCE: 3 LBS. MIN
 9. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
 10. PIN TIP DIMENSIONS ARE SHOWN FOR REFERENCE ONLY. DIMENSIONS APPLY PRIOR TO PLATING OR ASSEMBLY.

2-*	A13
1	A16
SHEET	REV

REVISE NOTE 6 EC NO: UCP2013-1030 DRAWN:MMSTROH CHKD:MK/PPH APPR:FSMITH A16	DESCRIPTION 2012/09/12 2012/09/14 2012/10/09	QUALITY SYMBOLS ▽_F=0 ▽_E=0 ▽_B=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
					MM/IN		2:1	INCH			
					DRAWN BY DATE		KK 100 HEADER ASSY FLAT VERTICAL BREAKAWAY, LEAD-FREE molex				
					SCHAFER 11/3/03						
					CHECKED BY DATE						
					SAMIEC 2004/02/27						
					APPROVED BY DATE		DOCUMENT NO. SD-42375-002				
		MARGULIS 2004/02/27									
		MATERIAL NO.		SHEET NO. 1 OF *							
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

ENG. NO: A-42375-0002 / 0036

HEADER NUMBER:	42312-0036				
PIN NUMBER:	42663-ABA154				
PIN LENGTH: L	.455 / 11.56				
MATING LENGTH: M	.240 / 6.09				
GOLD POINT: G	N/A				
PC TAIL LENGTH: P	.125 / 3.18				
TIN: T	OVERALL				
CKTS:	2-36				
KINKS:	NO				
VOIDED CKTS:	NONE				
PACKAGING:	BULK 40873-0041				
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER
02	50-29-1759	A-42375-0002			
03	50-29-1751	A-42375-0003			
05	42375-0005	A-42375-0005			
06	50-29-1628	A-42375-0006			
08	50-29-1893	A-42375-0008			
09	50-29-1760	A-42375-0009			
12	50-29-1894	A-42375-0012			

ENG. NO: A-42375-0037 / 0071

HEADER NUMBER:	42312-0036				
PIN NUMBER:	42663-ABB208				
PIN LENGTH: L	.455 / 11.56				
MATING LENGTH: M	.240 / 6.09				
GOLD POINT: G	.100 / 2.54				
PC TAIL LENGTH: P	.125 / 3.18				
TIN: T	.100 / 3.18				
CKTS:	2-36				
KINKS:	NO				
VOIDED CKTS:	NONE				
PACKAGING:	BULK 40873-0041				
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER
02	50-29-1692	A-42375-0037			
04	50-29-1671	A-42375-0039			
06	50-29-1892	A-42375-0041			
08	42375-0043	A-42375-0043			
10	50-29-1899	A-42375-0045			

REV:

A13

ECR/ECN INFORMATION:

EC No.: UCP2007-3196

DATE: 7/18/2007

TITLE:

**KK 100 HEADER ASSY
FLAT VERTICAL
BREAKAWAY, LEAD-FREE**

SHEET No.**- 2 -**DOCUMENT NUMBER:**SD- 42375-002**CREATED / REVISED BY:**ADERR**CHECKED BY:**LSCHMIDT**APPROVED BY:**FSMITH**

[illegible][illegible]

REV: A13	ECR/ECN INFORMATION: EC No.: UCP2007-3196 DATE: 7/18/2007	TITLE: KK 100 HEADER ASSY FLAT VERTICAL BREAKAWAY, LEAD-FREE			SHEET No. - 3 -
DOCUMENT NUMBER: SD- 42375-002		CREATED / REVISED BY: ADERR	CHECKED BY: LSCHMIDT	APPROVED BY: FSMITH	

TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC

[illegible][illegible]

REV: A13	ECR/ECN INFORMATION: EC No.: UCP2007-3196 DATE: 7/18/2007	TITLE: KK 100 HEADER ASSY FLAT VERTICAL BREAKAWAY, LEAD-FREE			SHEET No. - 5 -
DOCUMENT NUMBER: SD- 42375-002		CREATED / REVISED BY: ADERR	CHECKED BY: LSCHMIDT	APPROVED BY: FSMITH	

ENG. NO: A-42375-0107/0141

HEADER NUMBER:	42312-0036
PIN NUMBER:	42663-ATA154
PIN LENGTH: L	.530 / 13.46
MATING LENGTH: M	.320 / 8.13
GOLD POINT: G	N/A
PC TAIL LENGTH: P	.120 / 3.05
TIN: T	OVERALL
CKTS:	2-36
KINKS:	NO
VOIDED CKTS:	NONE
PACKAGING:	BULK 40873-0041

CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER
02	42375-0107	42375-0107			
03	42375-0108	42375-0108			
06	42375-0111	42375-0111			
12	50-29-1761	A-42375-0117			

REV: A13	ECR/ECN INFORMATION: EC No.: UCP2007-3196 DATE: 7/18/2007	TITLE: KK 100 HEADER ASSY FLAT VERTICAL BREAKAWAY, LEAD-FREE	SHEET No. - 6 -
DOCUMENT NUMBER: SD- 42375-002	CREATED / REVISED BY: ADERR	CHECKED BY: LSCHMIDT	APPROVED BY: FSMITH