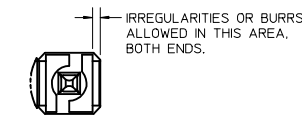
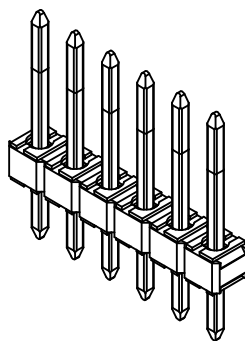
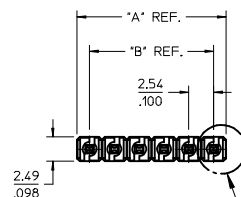


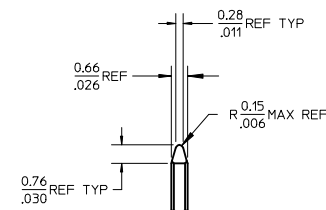
NO. CKTS	DIM. A	DIM. B
2	5.08	2.54
3	7.62	5.08
4	10.16	7.62
5	12.70	10.16
6	15.24	12.70
7	17.78	15.24
8	20.32	17.78
9	22.86	20.32
10	25.40	22.86
11	27.94	25.40
12	30.48	27.94
13	33.02	30.48
14	35.56	33.02
15	38.10	35.56
16	40.64	38.10
17	43.18	40.64
18	45.72	43.18
19	48.26	45.72
20	50.80	48.26
21	53.34	50.80
22	55.88	53.34
23	58.42	55.88
24	60.96	58.42
25	63.50	60.96
26	66.04	63.50
27	68.58	66.04
28	71.12	68.58
29	73.66	71.12
30	76.20	73.66
31	78.74	76.20
32	81.28	78.74
33	83.82	81.28
34	86.36	83.82
35	88.90	86.36
36	91.44	88.90



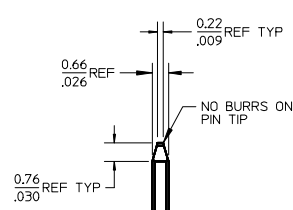
DETAIL Z
SCALE 5:1



SEE DETAIL Z



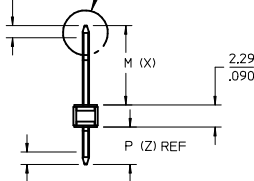
DETAIL Y
SCALE 5:1
SEE NOTE 10



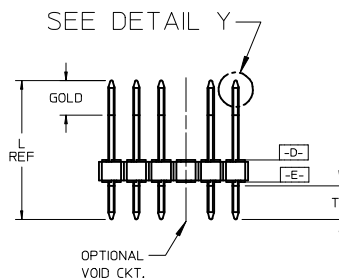
DETAIL X
SCALE 5:1
SEE NOTE 10

1.3 CENTERLINE OF PIN IN AREA SHOWN NOT TO VARY FROM
.05 CENTERLINE OF PIN AT DATUM -D- BY MORE THAN
(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

SEE DETAIL X



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



- NOTES:
- MATERIAL: GLASS FILLED NYLON
UL, 94V-0, COLOR: BLACK
 - FINISH: (SEE LAST 3 DIGITS OF PIN NUMBER)
(154) OVERALL TIN: 0.00254/.000100 MIN. OVER
NICKEL: 0.00127/.000050 MIN.
(118) OVERALL TIN: 0.00152/.000060 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.
 - PRODUCT SPECIFICATION PS 10-07.
 - PACKAGING INFORMATION: SEE TABLES
 - SOLDERABILITY PER SMES-152.
 - 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.
 - HEADERS ARE NOT STACKABLE ON 2.54/.100 CENTERS.
 - PIN PUSH OUT FORCE: 3 LBS. MIN
 - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC
SPECIFICATION PS-45499-002.
 - PIN TIP DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.
DIMENSIONS APPLY PRIOR TO PLATING OR ASSEMBLY.
 - TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION
MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.

2.54 ± 0.05 TYP.
.100 ± .002 NON-ACCUM.

1.02 ± 0.05
.040 ± .002 DIA.

HOLE TYP.
SEE NOTE 6

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

2-*	U
1	U
SHT.	REV.

CHANGED 2228-4233 TO 2228-4355 ON SHEET Z EC NO: UCP2017-Z193 2017/07/28 DRWN:SS06 CHKD: APPR: ISHWARG 2017/07/28	DESCRIPTION
REV	

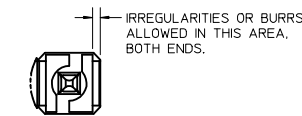
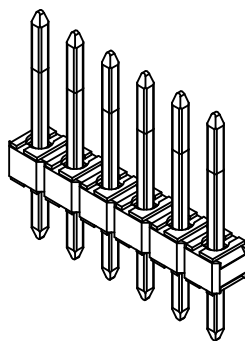
QUALITY SYMBOLS
▽=0
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .015
1 PLACE	± 0.38	± ---
0 PLACE	±	±
ANGULAR ±1/2°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

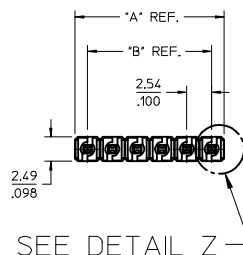
DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
MM/IN	2:1	INCH	
DRAWN BY	DATE	TITLE	
SCHAFFER	11/3/03	KK 100 HEADER ASSY FLAT VERTICAL BREAKAWAY	
CHECKED BY	DATE		
SAMIEC	2004/02/27		
APPROVED BY	DATE		
MARGULIS	2004/02/27		
MATERIAL NO.	DOCUMENT NO.	SHEET NO.	
SEE CHART	SD-42375-001	1 OF *	

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

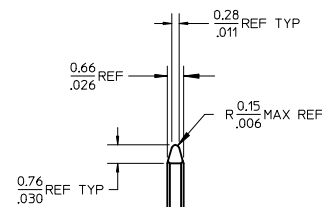
NO. CKTS	DIM. A	DIM. B
2	5.08	2.54
3	7.62	5.08
4	10.16	7.62
5	12.70	10.16
6	15.24	12.70
7	17.78	15.24
8	20.32	17.78
9	22.86	20.32
10	25.40	22.86
11	27.94	25.40
12	30.48	27.94
13	33.02	30.48
14	35.56	33.02
15	38.10	35.56
16	40.64	38.10
17	43.18	40.64
18	45.72	43.18
19	48.26	45.72
20	50.80	48.26
21	53.34	50.80
22	55.88	53.34
23	58.42	55.88
24	60.96	58.42
25	63.50	60.96
26	66.04	63.50
27	68.58	66.04
28	71.12	68.58
29	73.66	71.12
30	76.20	73.66
31	78.74	76.20
32	81.28	78.74
33	83.82	81.28
34	86.36	83.82
35	88.90	86.36
36	91.44	88.90



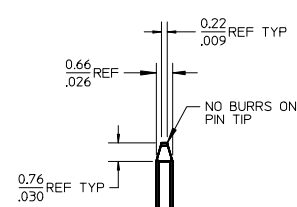
DETAIL Z
SCALE 5:1



SEE DETAIL Z



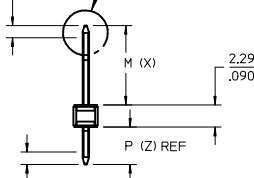
DETAIL Y
SCALE 5:1
SEE NOTE 10



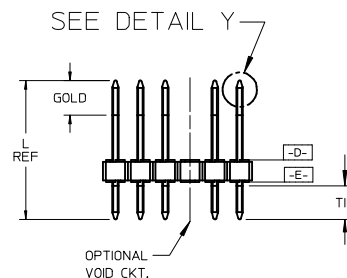
DETAIL X
SCALE 5:1
SEE NOTE 10

1.3 CENTERLINE OF PIN IN AREA SHOWN NOT TO VARY FROM
.05 CENTERLINE OF PIN AT DATUM -D- BY MORE THAN
(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

SEE DETAIL X



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



OPTIONAL KINK PIN
SEE NOTE 6

- NOTES:
- MATERIAL: GLASS FILLED NYLON
UL. 94V-0, COLOR: BLACK
 - FINISH: (SEE LAST 3 DIGITS OF PIN NUMBER)
(154) OVERALL TIN: 0.00254/.000100 MIN. OVER
NICKEL: 0.00127/.000050 MIN.
(118) OVERALL TIN: 0.00152/.000060 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.
 - PRODUCT SPECIFICATION PS 10-07.
 - PACKAGING INFORMATION: SEE TABLES
 - SOLDERABILITY PER SMES-152.
 - 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.
 - HEADERS ARE NOT STACKABLE ON 2.54/.100 CENTERS.
 - PIN PUSH OUT FORCE: 3 LBS. MIN
 - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC
SPECIFICATION PS-45499-002.
 - PIN TIP DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.
DIMENSIONS APPLY PRIOR TO PLATING OR ASSEMBLY.
 - TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION
MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.

2.54 ± 0.05 TYP.
.100 ± .002 NON-ACCUM.

1.02 ± 0.05
.040 ± .002 DIA.

HOLE TYP.
SEE NOTE 6

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

2-*	U
1	U
SHT.	REV.

CHANGED 2228-4233 TO
2228-4355 ON SHEET Z
EC NO: UCP2017-Z193
2017/07/28
DRWN:SS06
CHKD:
APPR: ISHWARG
2017/07/28
DESCRIPTION
REV

QUALITY SYMBOLS
$\nabla = 0$
$\nabla = 0$
$\nabla = 0$

GENERAL TOLERANCES (UNLESS SPECIFIED)	
4 PLACES	± ---
3 PLACES	± ---
2 PLACES	± 0.25
1 PLACE	± 0.38
0 PLACE	±
ANGULAR ± 1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE MM/IN	
DRAWN BY	DATE
SCHAFER	11/3/03
CHECKED BY	DATE
SAMIEC	2004/02/27
APPROVED BY	DATE
MARGULIS	2004/02/27
MATERIAL NO.	
SEE CHART	
SIZE	B

SCALE 2:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
TITLE		
KK 100 HEADER ASSY FLAT VERTICAL BREAKAWAY		
molex		
DOCUMENT NO.		SHEET NO.
SD-42375-001		1 OF *
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		