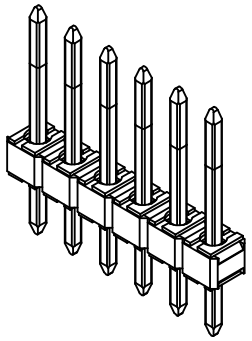
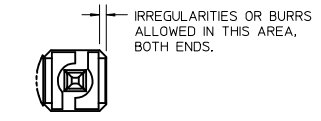
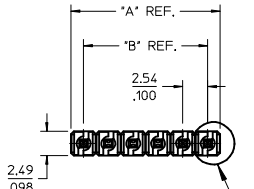
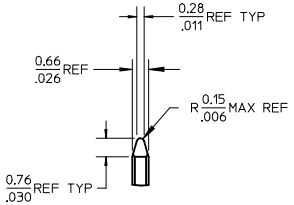
NO. CKTS	DIM. A	DIM. B
2	5.08 .200	2.54 .100
3	7.62 .300	5.08 .200
4	10.16 .400	7.62 .300
5	12.70 .500	10.16 .400
6	15.24 .600	12.70 .500
7	17.78 .700	15.24 .600
8	20.32 .800	17.78 .700
9	22.86 .900	20.32 .800
10	25.40 1.000	22.86 .900
11	27.94 1.100	25.40 1.000
12	30.48 1.200	27.94 1.100
13	33.02 1.300	30.48 1.200
14	35.56 1.400	33.02 1.300
15	38.10 1.500	35.56 1.400
16	40.64 1.600	38.10 1.500
17	43.18 1.700	40.64 1.600
18	45.72 1.800	43.18 1.700
19	48.26 1.900	45.72 1.800
20	50.80 2.000	48.26 1.900
21	53.34 2.100	50.80 2.000
22	55.88 2.200	53.34 2.100
23	58.42 2.300	55.88 2.200
24	60.96 2.400	58.42 2.300
25	63.50 2.500	60.96 2.400
26	66.04 2.600	63.50 2.500
27	68.58 2.700	66.04 2.600
28	71.12 2.800	68.58 2.700
29	73.66 2.900	71.12 2.800
30	76.20 3.000	73.66 2.900
31	78.74 3.100	76.20 3.000
32	81.28 3.200	78.74 3.100
33	83.82 3.300	81.28 3.200
34	86.36 3.400	83.82 3.300
35	88.90 3.500	86.36 3.400
36	91.44 3.600	88.90 3.500



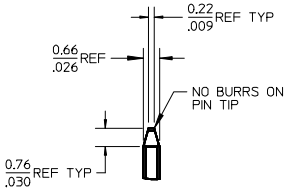


DETAIL Z
SCALE 5:1



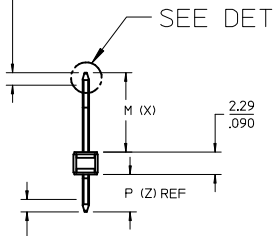


DETAIL Y
SCALE 5:1
SEE NOTE 10

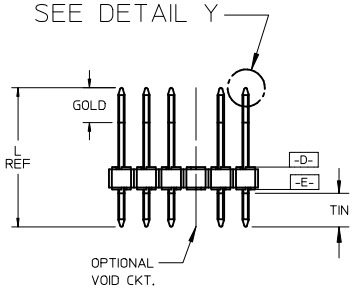


DETAIL X
SCALE 5:1
SEE NOTE 10

1.3 .05 CENTERLINE OF PIN IN AREA SHOWN NOT TO VARY FROM 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



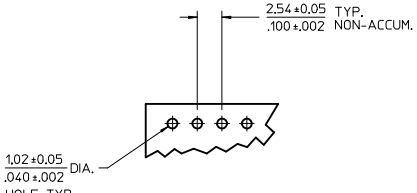
1.3 .05 CENTERLINE OF PIN IN AREA SHOWN NOT TO VARY FROM CENTERLINE OF PIN AT DATUM -E- BY MORE THAN 0.13/.005 IN ANY DIRECTION.





OPTIONAL KINK PIN
SEE NOTE 6

NOTES:
1. MATERIAL: GLASS FILLED NYLON
   U.L. 94V-0, COLOR: BLACK
2. FINISH:
   (197) OVERALL REFLOWED MATTE TIN: 0.00152/.000060 MIN.
   OVER 0.00127/.000050 MIN. NICKEL OVERALL.
   (222) OVERALL MATTE TIN: 0.00254/.000100 MIN.
   OVER 0.00127/.000050 MIN. NICKEL OVERALL.
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.
11. PARTS ARE CAPABLE OF 260°C WAVE SOLDER PROCESS.
    PARTS ARE CAPABLE OF 260°C REFLOW SOLDER PROCESS, BUT MAY REQUIRE DRYING PRIOR TO SOLDERING.



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

ADD 42375-4523
EC NO: UCP2016-1167 2015/09/15
DRWN:MKIPPER 2016/05/11
CHKD:JFOX 2016/05/13
APPR:FSMITH
DESCRIPTION
A4
REV

QUALITY SYMBOLS
FA=0
FC=0
FP=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	MM/IN
SCALE	2:1
DESIGN UNITS	INCH
	THIRD ANGLE PROJECTION
DRAWN BY / DATE	MKIPPER 2011/06/27
CHECKED BY / DATE	BANDERSON 2011/06/28
APPROVED BY / DATE	FSMITH 2012/04/25
MATERIAL NO.	SEE CHART
TITLE	KK 100 HEADER ASSY FLAT VERTICAL BREAKAWAY
	molex
DOCUMENT NO.	SD-42375-003
SHEET NO.	1 OF 2
SIZE	B

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

A-42375-4268/4275	
FINISH:	197
MATING LENGTH: M	10.95/.431
GOLD POINT: G	N/A
PC TAIL LENGTH: P	3.15/.124
TIN: T	OVERALL
CIRCUITS:	2-36
KINKS:	NONE
VOIDED CKTS:	NONE
PACKAGING:	BULK PK-40873-0041

CKTS	MATERIAL NUMBER
02	
03	42375-4268
04	42375-4269
05	
06	
07	
08	
09	
10	42375-4275

A-42375-4380	
FINISH:	197
MATING LENGTH: M	15.24/.600
GOLD POINT: G	N/A
PC TAIL LENGTH: P	3.05/.120
TIN: T	OVERALL
CIRCUITS:	2-36
KINKS:	NONE
VOIDED CKTS:	NONE
PACKAGING:	BULK PK-40873-0041

CKTS	MATERIAL NUMBER
02	
03	
04	
05	
06	
07	
08	
09	
10	42375-4380

A-42375-4523	
FINISH:	222
MATING LENGTH: M	5.26/.207
GOLD POINT: G	N/A
PC TAIL LENGTH: P	4.01/.158
TIN: T	OVERALL
CIRCUITS:	2-36
KINKS:	NONE
VOIDED CKTS:	NONE
PACKAGING:	BULK PK-40873-0041

CKTS	MATERIAL NUMBER
12	42375-4523

SEE SHEET 1
EC NO: UCP2016-1167 2015/09/15
DRWN:MKIPPER 2016/05/11
CHKD:JFOX
APPR:FSMITH 2016/05/13
DESCRIPTION
REV
A4

QUALITY SYMBOLS
$\sqrt{F_A}$=0
$\sqrt{F_C}$=0
$\sqrt{F_P}$=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: MM/IN
SCALE: 2:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	MKIPPER	2011/06/27
CHECKED BY	BANDERSON	2011/06/28
APPROVED BY	FSMITH	2012/04/25

TITLE: KK 100 HEADER ASSY FLAT VERTICAL BREAKAWAY

molex

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-42375-003
SHEET NO.: 2 OF 2
SIZE: B

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Global Electronic Components Distributor

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molex:

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447641402 459705185 760475001 190990009 0190700155 0436400901 0436802002 397730002
152670251 151670255 398800403 430450225 430451220 436803002 444280402 447642001 190690096
190670071 417920538 759001161 152660117 5046940301