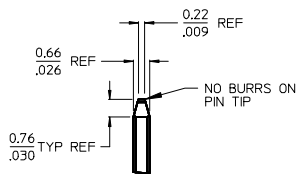
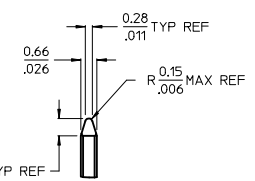


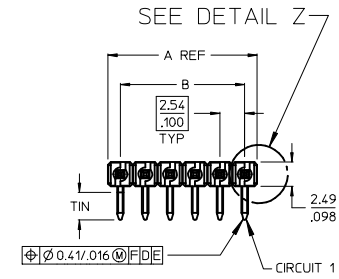
NO. CKTS	DIM. A	DIM. B
2	5.08	2.54
3	7.62	5.08
4	10.16	7.62
5	12.70	10.16
6	15.24	12.70
7	17.78	15.24
8	20.32	17.78
9	22.86	20.32
10	25.40	22.86
11	27.94	25.40
12	30.48	27.94
13	33.02	30.48
14	35.56	33.02
15	38.10	35.56
16	40.64	38.10
17	43.18	40.64
18	45.72	43.18
19	48.26	45.72
20	50.80	48.26
21	53.34	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



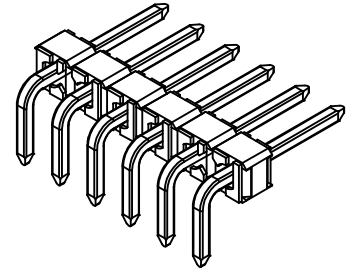
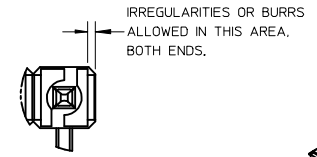
DETAIL X
SCALE 5:1
SEE NOTE 10



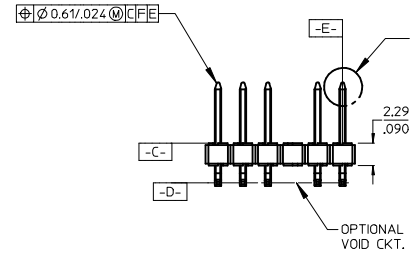
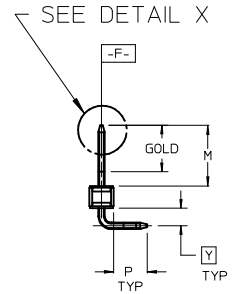
DETAIL Y
SCALE 5:1
SEE NOTE 10



DETAIL Z
SCALE 5:1

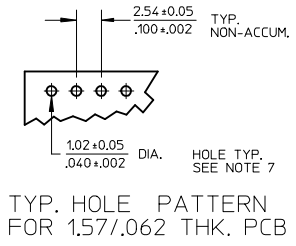


OPTIONAL KINK PIN
SEE NOTE 7



SEE DETAIL Y

- NOTES:
- MATERIAL: GLASS FILLED HIGH TEMP. NYLON UL94V-0, COLOR: BLACK
 - FINISH: (197) OVERALL REFLOWED MATTE TIN: 0.001527/0.000060 MIN. OVER 0.001277/0.000050 MIN. NICKEL OVERALL.
 - PRODUCT SPECIFICATION: PS 10-07.
 - PACKAGING INFORMATION: SEE TABLES
 - SOLDERABILITY PER SMES-152.
 - PIN PUSH OUT FORCE: 3 LBS. MIN
 - 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.
 - 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.
 - PARTS ARE CAPABLE OF 260°C REFLOW SOLDER PROCESS. PARTS ARE CAPABLE OF 260°C REFLOW SOLDER PROCESS BUT MAY REQUIRE DRYING PRIOR TO SOLDERING OPERATION.



TYP. HOLE PATTERN FOR 1.57/0.62 THK. PCB

ADD 42377-1987 EC NO: UCP2016-0882 DRAWN: MKIPPER 2015/08/26 CHKD: NGUYEN 2015/08/26 APPR: FSMITH 2015/09/28	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 2:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
								TITLE KK 100 HEADER ASSEMBLY FLAT RIGHT ANGLE BREAKAWAY	
A6	REV	ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-42377-003		SHEET NO. 1 OF 5	
				SIZE B		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

A-42377-1496	
FINISH:	197
MATING LENGTH: M	10.95/.431 REF
GOLD POINT: G	N/A
PIN HEIGHT: Y	1.52/.060
PC TAIL LENGTH: P	2.20±0.64 .087±.025
TIN: T	OVERALL
CIRCUITS:	2-36
KINKS:	NONE
VOIDED CKTS:	NONE
PACKAGING:	BULK PK-40873-0041
CKTS	MATERIAL NUMBER
02	42377-1496

A-42377-1532	
FINISH:	197
MATING LENGTH: M	9.55/.376 REF
GOLD POINT: G	N/A
PIN HEIGHT: Y	1.52/.060
PC TAIL LENGTH: P	2.20±0.64 .087±.025
TIN: T	OVERALL
CIRCUITS:	2-36
KINKS:	NONE
VOIDED CKTS:	NONE
PACKAGING:	BULK PK-40873-0041
CKTS	MATERIAL NUMBER
03	42377-1532

A-42377-1638	
FINISH:	197
MATING LENGTH: M	12.75±0.38 .502±.015
GOLD POINT: G	N/A
PIN HEIGHT: Y	1.78/.070
PC TAIL LENGTH: P	3.10/.122 REF.
TIN: T	OVERALL
CIRCUITS:	2-36
KINKS:	NONE
VOIDED CKTS:	NONE
PACKAGING:	BULK PK-40873-0041
CKTS	MATERIAL NUMBER
04	42377-1638

SEE SHEET 1 EC NO: UCP2016-0882 DRW: MKIPPER 2015/08/26 CHK: DANGUYEN 2015/08/26 APPR: FSMITH 2015/09/28	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla = 0$ $\nabla = 0$ $\nabla = 0$	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .015 1 PLACE ± 0.38 ± --- 0 PLACE ± ±	MM/IN	2:1	INCH	
	DESCRIPTION	ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY DATE MKIPPER 2011/02/16 CHECKED BY DATE BANDERSON 2011/02/16 APPROVED BY DATE FSMITH 2012/05/14	TITLE	KK 100 HEADER ASSEMBLY FLAT RIGHT ANGLE BREAKAWAY	
	REV		MATERIAL NO.	SEE CHART	DOCUMENT NO.	SHEET NO.
A6			B		SD-42377-003	2 OF 5

9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1

A-42377-1672	
FINISH:	197
MATING LENGTH: M	14.07±0.38 .554±.015
GOLD POINT: G	N/A
PIN HEIGHT: Y	1.78/.070
PC TAIL LENGTH: P	7.62/.300 REF
TIN: T	OVERALL
CIRCUITS:	2-36
KINKS:	NONE
VOIDED CKTS:	NONE
PACKAGING:	BULK PK-40873-0041
CKTS	MATERIAL NUMBER
03	42377-1672

A-42377-1708/1710	
FINISH:	197
MATING LENGTH: M	16.61±0.38 .654±.015
GOLD POINT: G	N/A
PIN HEIGHT: Y	1.78/.070
PC TAIL LENGTH: P	7.62/.300 REF
TIN: T	OVERALL
CIRCUITS:	2-36
KINKS:	NONE
VOIDED CKTS:	NONE
PACKAGING:	BULK PK-40873-0041
CKTS	MATERIAL NUMBER
04	42377-1708
05	42377-1709
06	42377-1710

A-42377-1741	
FINISH:	197
MATING LENGTH: M	14.00±0.38 .551±.015
GOLD POINT: G	N/A
PIN HEIGHT: Y	1.78/.070
PC TAIL LENGTH: P	1.85/.073 REF
TIN: T	OVERALL
CIRCUITS:	2-36
KINKS:	NONE
VOIDED CKTS:	NONE
PACKAGING:	BULK PK-40873-0041
CKTS	MATERIAL NUMBER
02	42377-1741

SEE SHEET 1 EC NO: UCP2016-0882 DRAWN: MKIPPER 2015/08/26 CHKD: NGUYEN 2015/08/26 APPR: FSMITH 2015/09/28	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
		$\nabla F/0$ $\nabla E/0$ $\nabla D/0$	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .015 1 PLACE ± 0.38 ± --- 0 PLACE ± ±	MM/IN	2:1	INCH	DRAWN BY DATE MKIPPER 2011/02/16 CHECKED BY DATE BANDERSON 2011/02/16 APPROVED BY DATE FSMITH 2012/05/14	TITLE	KK 100 HEADER ASSEMBLY FLAT RIGHT ANGLE BREAKAWAY molex
		ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART	MATERIAL NO.	DOCUMENT NO.	SHEET NO.			
		SIZE B THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SD-42377-003			3 OF 5			

9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1

A-42377-1812	
FINISH:	197
MATING LENGTH: M	5.11±0.38 .201±.015
GOLD POINT: G	N/A
PIN HEIGHT: Y	1.78/.070
PC TAIL LENGTH: P	1.85/.073 REF
TIN: T	OVERALL
CIRCUITS:	2-36
KINKS:	NONE
VOIDED CKTS:	2
PACKAGING:	BULK PK-40873-0041
CKTS	MATERIAL NUMBER
03	42377-1812

A-42377-1848	
FINISH:	197
MATING LENGTH: M	5.11±0.38 .201±.015
GOLD POINT: G	N/A
PIN HEIGHT: Y	1.78/.070
PC TAIL LENGTH: P	1.85/.073 REF
TIN: T	OVERALL
CIRCUITS:	3-36
KINKS:	NONE
VOIDED CKTS:	2, 3
PACKAGING:	BULK PK-40873-0041
CKTS	MATERIAL NUMBER
04	42377-1848

A-42377-1883/1935		
FINISH:	197	
MATING LENGTH: M	3.91±0.38 .154±.015	
GOLD POINT: G	N/A	
PIN HEIGHT: Y	1.78/.070	
PC TAIL LENGTH: P	3.05/.120 REF	
TIN: T	OVERALL	
CIRCUITS:	11-36	
KINKS:	NONE	
VOIDED CKTS:	SEE BELOW	
PACKAGING:	BULK PK-40873-0041	
CKTS	MATERIAL NUMBER	VOIDED CKTS
13	42377-1883	11
13	42377-1910	10
13	42377-1935	12

SEE SHEET 1 EC NO: UCP2016-0882 DRAWN BY: MKIPPER 2015/08/26 CHKD: NGUYEN 2015/08/26 APPR: FSMITH 2015/09/28	REV DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
		$\nabla F/0$ $\nabla E/0$ $\nabla F/0$	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .015 1 PLACE ± 0.38 ± --- 0 PLACE ± ±	MM/IN	2:1	INCH	TITLE KK 100 HEADER ASSEMBLY FLAT RIGHT ANGLE BREAKAWAY molex MATERIAL NO. SEE CHART DOCUMENT NO. SD-42377-003 SHEET NO. 4 OF 5
		DRAWN BY: MKIPPER 2011/02/16 CHECKED BY: BANDERSON 2011/02/16 APPROVED BY: FSMITH 2012/05/14	ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY: MKIPPER 2011/02/16 CHECKED BY: BANDERSON 2011/02/16 APPROVED BY: FSMITH 2012/05/14	MATERIAL NO. SEE CHART DOCUMENT NO. SD-42377-003		
		SEE CHART	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1

A-42377-1961		
FINISH:	197	
MATING LENGTH: M	5.23±0.38 .206±.015	
GOLD POINT: G	N/A	
PIN HEIGHT: Y	1.78/.070	
PC TAIL LENGTH: P	3.51/.138 REF	
TIN: T	OVERALL	
CIRCUITS:	11-36	
KINKS:	NONE	
VOIDED CKTS:	SEE BELOW	
PACKAGING:	BULK PK-40873-0041	
CKTS	MATERIAL NUMBER	VOIDED CKTS
13	42377-1961	11

A-42377-1987		
FINISH:	197	
MATING LENGTH: M	5.20±0.38 .205±.015	
GOLD POINT: G	N/A	
PIN HEIGHT: Y	1.78/.070	
PC TAIL LENGTH: P	4.30/.169 REF	
TIN: T	OVERALL	
CIRCUITS:	11-36	
KINKS:	NONE	
VOIDED CKTS:	SEE BELOW	
PACKAGING:	BULK PK-40873-0041	
CKTS	MATERIAL NUMBER	VOIDED CKTS
13	42377-1987	11

SEE SHEET 1 EC NO: UCP2016-0882 DRAWN BY: MKIPPER 2015/08/26 CHKD: NGUYEN 2015/08/26 APPR: FSMITH 2015/09/28	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
		$\nabla F/0$ $\nabla E/0$ $\nabla B/0$	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .015 1 PLACE ± 0.38 ± --- 0 PLACE ± ±	MM/IN	2:1	INCH	TITLE KK 100 HEADER ASSEMBLY FLAT RIGHT ANGLE BREAKAWAY
		ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY: MKIPPER 2011/02/16 CHECKED BY: BANDERSON 2011/02/16 APPROVED BY: FSMITH 2012/05/14	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-42377-003	SHEET NO. 5 OF 5	
		A6	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SIZE B			

9 8 7 6 5 4 3 2 1