



CKTS	DIM A	DIM B
2	.230	.100
	5.84	2.54
3	.330	.200
	8.38	5.08
4	.430	.300
	10.92	7.62
5	.530	.400
	13.46	10.16
6	.630	.500
	16.00	12.70
7	.730	.600
	18.54	15.24
8	.830	.700
	21.08	17.78
9	.930	.800
	23.62	20.32
10	1.030	.900
	26.16	22.86
11	1.130	1.000
	28.70	25.40
12	1.230	1.100
	31.24	27.94
13	1.330	1.200
	33.78	30.48
14	1.430	1.300
	36.32	33.02
15	1.530	1.400
	38.86	35.56
16	1.630	1.500
	41.40	38.10

- NOTES :
- MATERIAL - HOUSING : HIGH TEMP NYLON, GLASS-FILLED, UL94V-0, COLOR - BLACK
TERMINAL : MODIFIED TIN/BRASS ALLOY
 - FINISH - (SEE CHART)
A-TIN: .000200/(0.00508) MINIMUM
B-SELECT GOLD: .000015/(0.00038) MIN, SELECT TIN: .000100/(0.00254) MIN, OVER NICKEL
C-SELECT GOLD: .000030/(0.00076) MIN, SELECT TIN: .000100/(0.00254) MIN, OVER NICKEL
- * THE PRIMARY SHIPPING CARTON WILL BE LABELED 'COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC', CARTONS WITHOUT THIS LABEL MAY CONTAIN TIN/LEAD.
- PRODUCT SPECIFICATION : PS-44812-001
 - PACKAGING SPECIFICATION : TRAY PACK PER PK-44812-001
 - 15 CIRCUIT PART SHOWN SEE SHEET 2 FOR OTHER CIRCUIT SIZES.

PCB LAYOUT : COMPONENT SIDE SHOWN
RECOMMENDED PCB THK: .062/1.57

UPDATE FINISH EC NO: UCP2006-2178 DRAWN BY: 2006/03/17 CHECKED BY: 2006/03/24 APPROVED BY: 2006/03/24 REV: D1	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE IN/MM	SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE		
	▽=0	3 PLACES ± --- ± .010	MUELLER 2001/09/22	KK 100 PCB CONN ASSY LOW PROFILE		
		2 PLACES ± 0.25 ± .015	CHECKED BY DATE	MUELLER 2001/09/23		
	1 PLACE ± 0.38 ± ---	1 PLACE ± 0.38 ± ---	APPROVED BY DATE	MARGULIS 2001/09/24		
	ANGULAR ±1/2°		MATERIAL NO.	DOCUMENT NO.	SHEET NO.	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART	SD-44812-001	1 OF 2	
			SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

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FINISH: A (TIN)	
CKTS	MATERIAL NO.
2	44812-0002
3	44812-0003
4	44812-0004
5	44812-0005
6	44812-0006
7	44812-0007
8	44812-0008
9	44812-0009
10	44812-0010
11	44812-0011
12	44812-0012
13	44812-0013
14	44812-0014
15	44812-0015
16	44812-0016

FINISH: B (15 GOLD)	
CKTS	MATERIAL NO.
2	44812-0020
3	44812-0021
4	44812-0022
5	44812-0023
6	44812-0024
7	44812-0025
8	44812-0026
9	44812-0027
10	44812-0028
11	44812-0029
12	44812-0030
13	44812-0031
14	44812-0032
15	44812-0033
16	44812-0034

FINISH: C (30 GOLD)	
CKTS	MATERIAL NO.
2	44812-0040
3	44812-0041
4	44812-0042
5	44812-0043
6	44812-0044
7	44812-0045
8	44812-0046
9	44812-0047
10	44812-0048
11	44812-0049
12	44812-0050
13	44812-0051
14	44812-0052
15	44812-0053
16	44812-0054

UPDATE FINISH EC NO. UCP2006-2178 DRAWN BY CHK'D BY APPR'D BY REV DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	$\nabla=0$ $\nabla=0$	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .015 1 PLACE ± 0.38 ± --- ANGULAR ±1/2°	IN/MM DRAWN BY DATE MUeller 2001/09/22 CHECKED BY DATE MUeller 2001/09/23 APPROVED BY DATE MARGULIS 2001/09/24	1:1	INCH	THIRD ANGLE PROJECTION	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART SIZE C	MATERIAL NO. SD-44812-001	DOCUMENT NO. SD-44812-001	TITLE KK 100 PCB CONN ASSY LOW PROFILE	Molex MOLEX INCORPORATED	SHEET NO. 2 OF 2
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

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Rev. D 2004/06/28

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