

13

12

11

10

9

8

7

6

5

4

3

2

1

.100
2.54

TYP.

.136 ±.015
3.45 ±0.38

TYP.

CIRCUIT #1

.059
1.49

TYP.

.295
7.5

B ±.005
± 0.13

.100 ±.002
2.54 ±0.05

TYP
TOL NON ACCUM

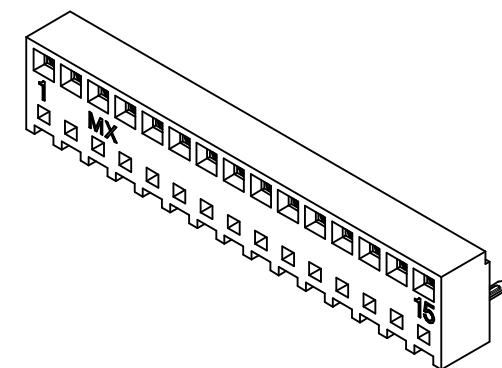
.150 ±.005
3.81 ±0.13

TYP.

∅ .040 ±.002
1.02 ±0.05

TYP.

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



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
- PRODUCT SPECIFICATION : PS-44812-001
- PACKAGING SPECIFICATION : TRAY PACK PER PK-44812-001
- 15 CIRCUIT PART SHOWN SEE SHEET 2 FOR OTHER CIRCUIT SIZES.
- THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

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

PCB LAYOUT
EC NO: UCP2013-1814
DRAWN: KIPPER 2012/11/06
CHKD: JBELL 2012/11/06
APPR: FSMITH 2012/11/20

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
IN/MM

DRAWN BY	DATE
MUELLER	2001/09/22

CHECKED BY	DATE
MUELLER	2001/09/23

APPROVED BY	DATE
MARGULIS	2001/09/24

MATERIAL NO.
SEE CHART

SCALE
4:1

DESIGN UNITS
INCH

THIRD ANGLE
PROJECTION

TITLE
KK 100 PCB CONN ASSY
LOW PROFILE

molex

DOCUMENT NO.
SD-44812-001

SHEET NO.
1 OF 2

12

11

10

9

8

7

6

5

4

3

2

1

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

SEE SHEET 1 EC NO: UCP2013-1814 2012/11/06 DRAWN:MKIPPER CHKD:JBELL 2012/11/06 APPR:FSMITH 2012/11/20	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE IN/MM		SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY MUELLER	DATE 2001/09/22	TITLE KK 100 PCB CONN ASSY LOW PROFILE molex				
			4 PLACES	± ---	± ---	CHECKED BY MUELLER	DATE 2001/09/23					
			3 PLACES	± ---	±.010	APPROVED BY MARGULIS	DATE 2001/09/24					
			2 PLACES	± 0.25	±.015	MATERIAL NO.	DOCUMENT NO.					SHEET NO. 2 OF 2
			1 PLACE	± 0.38	± ---	SEE CHART		SD-44812-001				
			0 PLACE	±	±	SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
			ANGULAR ±1/2°									
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									