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 $\frac{.100}{2.54}$ TYP.

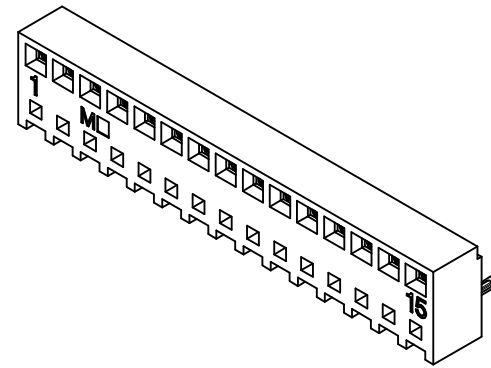
A

 $\frac{.136 \pm .015}{3.45 \pm 0.38}$ TYP.

CIRCUIT #1

 $\frac{.059}{1.49}$ $\frac{.295}{7.5}$

B

 $\pm .005$ ± 0.13 $\frac{.100 \pm .002}{2.54 \pm 0.05}$ TYP
TOL NON ACCUM $\frac{.150 \pm .005}{3.81 \pm 0.13}$ $\phi \frac{.040 \pm .002}{1.02 \pm 0.05}$ TYP.PCB LAYOUT : COMPONENT SIDE SHOWN
RECOMMENDED PCB THK: .062/1.57 $\frac{.089}{2.26}$ $\frac{.177}{4.5}$

NOTES :

1. MATERIAL -

HOUSING : HIGH TEMP NYLON, GLASS-FILLED,
UL94V-0, COLOR - BLACK

TERMINAL : MODIFIED TIN/BRASS ALLOY

2. 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

3. PRODUCT SPECIFICATION : PS-44812-001

4. PACKAGING SPECIFICATION : TRAY PACK PER PK-44812-001

5. 15 CIRCUIT PART SHOWN SEE SHEET 2 FOR OTHER CIRCUIT SIZES.

6. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

7. TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING
ON PART NUMBER AND/OR TOOL.NOTE 7 ADDED
EC NO: UCP2017-2793
DRAWINGS
CHKD:
APPR: ISHWARG

2017/06/29

2017/07/28

DESCRIPTION

REV

QUALITY SYMBOLS

 $\nabla = 0$ $\nabla = 0$ $\nabla = 0$ GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	$\pm .005$	$\pm .0002$
3 PLACES	$\pm .010$	$\pm .0004$
2 PLACES	$\pm .025$	$\pm .0010$
1 PLACE	$\pm .038$	$\pm .0015$
0 PLACE	$\pm .076$	$\pm .0030$

ANGULAR $\pm 1/2^\circ$
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONSDIMENSION 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
SIZE CSCALE
4:1DESIGN UNITS
INCHTHIRD ANGLE
PROJECTIONKK 100 PCB CONN ASSY
LOW PROFILE

molex

DOCUMENT NO.

SD-44812-001

SHEET NO.
1 OF 2THIS 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

SEE SHEET 1 EC NO: UCP2017-2793 2017/06/29 DRAWINGS CHKD: APPR: ISHWARG 2017/07/28	REV	DESCRIPTION	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	DATE					
				3 PLACES	± ---	± .010	MUELLER	2001/09/23					
				2 PLACES	± 0.25	± .015	APPROVED BY	DATE					
				1 PLACE	± 0.38	± ---	MARGULIS	2001/09/24					
				0 PLACE	±	±	MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
				ANGULAR ±1/2°		SEE CHART		SD-44812-001		2 OF 2			
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						