



PCB LAYOUT: COMPONENT SIDE  
RECOMMENDED PCB THICKNESS: 1.57/.062

CKTS	DIM A	DIM B
02	4.83±0.20 .190±.008	2.54 .100
03	7.37±0.20 .290±.008	5.08 .200
04	9.91±0.20 .390±.008	7.62 .300
05	12.45±0.20 .490±.008	10.16 .400
06	14.99±0.23 .590±.009	12.70 .500
07	17.53±0.23 .690±.009	15.24 .600
08	20.07±0.23 .790±.009	17.78 .700
09	22.61±0.25 .890±.010	20.32 .800
10	25.15±0.25 .990±.010	22.86 .900
11	27.69±0.25 1.090±.010	25.40 1.000
12	30.23±0.28 1.190±.011	27.94 1.100
13	32.77±0.28 1.290±.011	30.48 1.200
14	35.31±0.28 1.390±.011	33.02 1.300
15	37.85±0.28 1.490±.011	35.56 1.400
16	40.39±0.28 1.590±.011	38.10 1.500

- NOTES:
- MATERIAL: NYLON, UL 94V-0, COLOR: WHITE
  - FINISH:
    - 197 = OVERALL REFLOWED MATTE TIN: 0.00152/.000060 MIN. OVER 0.00127/.000050 MIN. NICKEL
    - 228 = SELECT GOLD: 0.00076/.000030 MIN. SELECT MATTE TIN: 0.00254/.000100 MIN. OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.
    - 241 = SELECT GOLD: 0.00051/.000020 MIN. SELECT MATTE TIN: 0.00254/.000100 MIN. OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.
  - PRODUCT SPEC: PS-10-07
  - PACKAGING SPEC: PK-4030-001
  - SOLDERABILITY SPEC: SMES-152
  - PIN PUSHOUT FORCE: 8.9N / 2 LBS MIN
  - PARTS ARE STACKABLE END TO END AND SIDE TO SIDE ON 2.54/.100 CENTERS.
  - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
  - NON-STANDARD PARTS SEE SD-4030-0002.

CORRECT TOL. PLTG EC NO: UCP2012-1821 DRW: J JAGUILAR 2012/01/23 CHKD: MKIPPER 2012/11/30 APPR: FSM/TH 2012/02/02	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM/IN	4:1	INCH	
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE		
	▽=0	3 PLACES ± --- ± .015	KSAMIEC 2011/03/21	KK 100 HEADER ASSEMBLY		
▽=0	2 PLACES ± 0.38 ± ---	CHECKED BY DATE	MOLEX INCORPORATED			
	1 PLACE ± --- ± ---	MKIPPER 2011/03/22	DOCUMENT NO. SD-4030-0001			
	ANGULAR ± 1/2°	APPROVED BY DATE	SHEET NO. 1 OF 2			
		JCOMERC I 2011/09/30	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
CK	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.			
			SEE CHART			
			SIZE B			

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ASSY NO:	A-4030-NA(197)		ASSY NO:	A-4030-NA(241)		ASSY NO:	A-4030-NA(228)		ASSY NO:		
PLATING:	197 OVERALL TIN		PLATING:	241 SELECT GOLD		PLATING:	228 SELECT GOLD		PLATING:		
GOLD:	NA		GOLD:	3.56/.140		GOLD:	3.56/.140		GOLD:		
DIM P:	3.43/.135		DIM P:	3.43/.135		DIM P:	3.43/.135		DIM P:		
TIN:	OVERALL		TIN:	3.43/.135		TIN:	3.43/.135		TIN:		
PACK:	PK-4030-001 (BULK)		PACK:	PK-4030-001 (BULK)		PACK:	PK-4030-001 (BULK)		PACK:		
CKT	PART NO:	ENGINEERING NO:	CKT	PART NO:	ENGINEERING NO:	CKT	PART NO:	ENGINEERING NO:	CKT		
02	22-03-2021	A-4030-02A(197)	02	22-10-2021	A-4030-02A(241)	02	22-10-4028	A-4030-02A(228)	02		
03	22-03-2031	A-4030-03A(197)	03	22-10-2031	A-4030-03A(241)	03	22-10-4038	A-4030-03A(228)	03		
04	22-03-2041	A-4030-04A(197)	04	22-10-2041	A-4030-04A(241)	04	22-10-4048	A-4030-04A(228)	04		
05	22-03-2051	A-4030-05A(197)	05	22-10-2051	A-4030-05A(241)	05	22-10-4058	A-4030-05A(228)	05		
06	22-03-2061	A-4030-06A(197)	06	22-10-2061	A-4030-06A(241)	06	22-10-4068	A-4030-06A(228)	06		
07	22-03-2071	A-4030-07A(197)	07	22-10-2071	A-4030-07A(241)	07	22-10-4078	A-4030-07A(228)	07		
08	22-03-2081	A-4030-08A(197)	08	22-10-2081	A-4030-08A(241)	08	22-10-4088	A-4030-08A(228)	08		
09	22-03-2091	A-4030-09A(197)	09	22-10-2091	A-4030-09A(241)	09	22-10-4098	A-4030-09A(228)	09		
10	22-03-2101	A-4030-10A(197)	10	22-10-2101	A-4030-10A(241)	10	22-10-4108	A-4030-10A(228)	10		
11	22-03-2111	A-4030-11A(197)	11	22-10-2111	A-4030-11A(241)	11	22-10-4118	A-4030-11A(228)	11		
12	22-03-2121	A-4030-12A(197)	12	22-10-2121	A-4030-12A(241)	12	22-10-4128	A-4030-12A(228)	12		
13	22-03-2131	A-4030-13A(197)	13	22-10-2131	A-4030-13A(241)	13	22-10-4138	A-4030-13A(228)	13		
14	22-03-2141	A-4030-14A(197)	14	22-10-2141	A-4030-14A(241)	14	22-10-4148	A-4030-14A(228)	14		
15	22-03-2151	A-4030-15A(197)	15	22-10-2151	A-4030-15A(241)	15	22-10-4158	A-4030-15A(228)	15		
16	22-03-2161	A-4030-16A(197)	16	22-10-2161	A-4030-16A(241)	16	22-10-4168	A-4030-16A(228)	16		

SEE SHEET 1 E.C. NO: UCP2012-1821 DRAWN: JJAGUILAR 2012/01/23 CHKD: MKIPPER 2012/11/30 APPR: FSMITH 2012/02/02	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 ± --- ± .015 2 PLACES ± 0.38 ± --- 1 PLACE ± --- ± --- ANGULAR ± 1/2°	MM/IN	4:1	INCH	DRAWN BY: KSAMIEC      DATE: 2011/03/21 CHECKED BY: MKIPPER      DATE: 2011/03/22 APPROVED BY: JCOMERCI      DATE: 2011/09/30	TITLE KK 100 HEADER ASSEMBLY
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART	MATERIAL NO.	DOCUMENT NO.	MOLEX INCORPORATED		
		SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SD-4030-0001	SHEET NO. 2 OF 2	

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