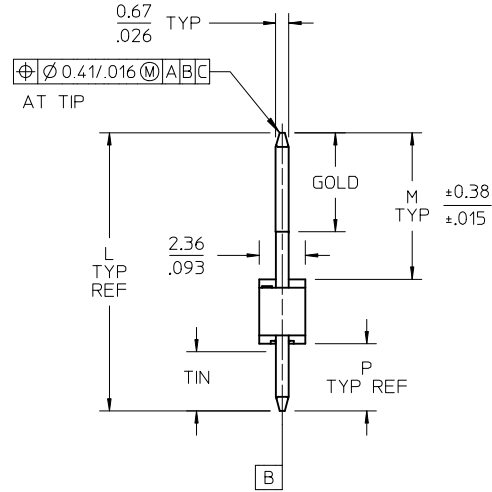
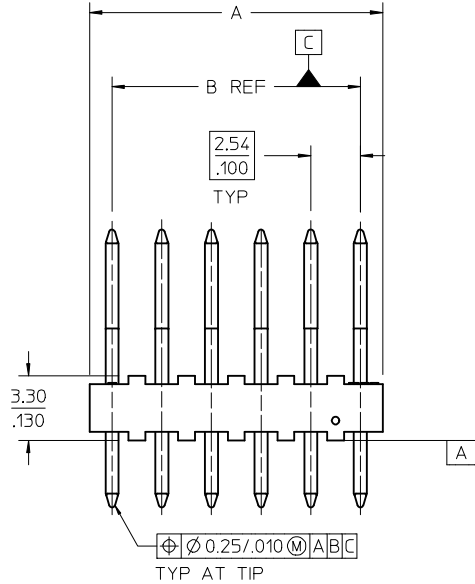


- NOTES:
- MATERIAL: NYLON, UL 94V-0, COLOR: WHITE
 - FINISH:
 - 197 = OVERALL REFLOWED MATTE TIN: 0.00152/.000060 MIN. OVER 0.00127/.000050 MIN. NICKEL
 - 222 = OVERALL MATTE TIN: 0.00254/.000100 MIN. OVER 0.00127/.000050 MIN. NICKEL
 - 241 = SELECT GOLD: 0.00051/.000020 MIN. SELECT MATTE TIN: 0.00254/.000100 MIN. OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.
 - PRODUCT SPEC: PS-10-07
 - PACKAGING SPEC: SEE CHART
 - 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.

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

ADD 2.36 DIMENSION		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO: UCP2014-5097		2014/06/04		mm		MM/IN		4:1		INCH		THIRD ANGLE PROJECTION	
DRWN: JDOX		2014/06/04		±---		DRAWN BY		DATE		TITLE		KK 100 HEADER ASSEMBLY	
CHKD: MKIPPER		2014/06/04		±0.38		CHECKED BY		DATE		MKIPPER		NON STANDARD OPTIONS	
APPR: FSMITH		2014/06/10		±---		APPROVED BY		DATE		JCOMERC		molex	
REV		DESCRIPTION		±		MATERIAL NO.		DOCUMENT NO.		SD-4030-0002		SHEET NO.	
CK1				ANGULAR ±1/2°		SEE CHART		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				1 OF 5	

D	6			5			4			3			2			1				
	ASSY NO:		A-4030-NB(197)			ASSY NO:		A-4030-NB(241)			ASSY NO:		A-4030-NA(241A)			ASSY NO:		A-4030-NF(197)		
	PLATING:		197 OVERALL TIN			PLATING:		241 SELECT GOLD 20 MI			PLATING:		241 SELECT GOLD 20 MI			PLATING:		197 OVERALL TIN		
	DIM L:		17.53/.690			DIM L:		17.53/.690			DIM L:		14.22/.560			DIM L:		21.34/.840		
	DIM M:		11.05/.435			DIM M:		11.05/.435			DIM M:		7.49/.295			DIM M:		14.22/.560		
	GOLD:		NA			GOLD:		5.08/.200			GOLD:		3.56/.140			GOLD:		NA		
	DIM P:		3.18/.125			DIM P:		3.18/.125			DIM P:		3.43/.135			DIM P:		3.81/.150		
	TIN:		OVERALL			TIN:		3.43/.135			TIN:		3.43/.135			TIN:		OVERALL		
PACK:		PK-4030-001 (BULK)			PACK:		PK-4030-001 (BULK)			PACK:		PK-44743-002 (TUBE)			PACK:		PK-4030-001 (BULK)			
C																				
	CKT	PART NO:	ENGINEERING NO:	CKT	PART NO:	ENGINEERING NO:	CKT	PART NO:	ENGINEERING NO:	CKT	PART NO:	ENGINEERING NO:	CKT	PART NO:	ENGINEERING NO:					
	02	22-03-2022	A-4030-02B(197)	02	22-10-2022	A-4030-02B(241)	02	22-47-9029	A-4030-02A(241A)	02	22-03-2026	A-4030-02F(197)	02	22-03-2026	A-4030-02F(197)					
	03	22-03-2032	A-4030-03B(197)	03	22-10-2032	A-4030-03B(241)	03	22-47-9039	A-4030-03A(241A)	03	22-03-2036	A-4030-03F(197)	03	22-03-2036	A-4030-03F(197)					
	04	22-03-2042	A-4030-04B(197)	04	22-10-2042	A-4030-04B(241)	04	22-47-9049	A-4030-04A(241A)	04	22-03-2046	A-4030-04F(197)	04	22-03-2046	A-4030-04F(197)					
	05	22-03-2052	A-4030-05B(197)	05	22-10-2052	A-4030-05B(241)	05	22-47-9059	A-4030-05A(241A)	05	22-03-2056	A-4030-05F(197)	05	22-03-2056	A-4030-05F(197)					
	06	22-03-2062	A-4030-06B(197)	06	22-10-2062	A-4030-06B(241)	06	22-47-9069	A-4030-06A(241A)	06	22-03-2066	A-4030-06F(197)	06	22-03-2066	A-4030-06F(197)					
	07	22-03-2072	A-4030-07B(197)	07	22-10-2072	A-4030-07B(241)	07	22-47-9079	A-4030-07A(241A)	07	22-03-2076	A-4030-07F(197)	07	22-03-2076	A-4030-07F(197)					
B	08	22-03-2082	A-4030-08B(197)	08	22-10-2082	A-4030-08B(241)	08	22-47-9089	A-4030-08A(241A)	08	22-03-2086	A-4030-08F(197)	08	22-03-2086	A-4030-08F(197)					
	09	22-03-2092	A-4030-09B(197)	09	22-10-2092	A-4030-09B(241)	09	22-47-9099	A-4030-09A(241A)	09	22-03-2096	A-4030-09F(197)	09	22-03-2096	A-4030-09F(197)					
	10	22-03-2102	A-4030-10B(197)	10	22-10-2102	A-4030-10B(241)	10	22-47-9109	A-4030-10A(241A)	10	22-03-2106	A-4030-10F(197)	10	22-03-2106	A-4030-10F(197)					
	11	22-03-2112	A-4030-11B(197)	11	22-10-2112	A-4030-11B(241)	11	22-47-9119	A-4030-11A(241A)	11	22-03-2116	A-4030-11F(197)	11	22-03-2116	A-4030-11F(197)					
	12	22-03-2122	A-4030-12B(197)	12	22-10-2122	A-4030-12B(241)	12	22-47-9129	A-4030-12A(241A)	12	22-03-2126	A-4030-12F(197)	12	22-03-2126	A-4030-12F(197)					
	13	22-03-2132	A-4030-13B(197)	13	22-10-2132	A-4030-13B(241)	13	22-47-9139	A-4030-13A(241A)	13	22-03-2136	A-4030-13F(197)	13	22-03-2136	A-4030-13F(197)					
	14	22-03-2142	A-4030-14B(197)	14	22-10-2142	A-4030-14B(241)	14	22-47-9149	A-4030-14A(241A)	14	22-03-2146	A-4030-14F(197)	14	22-03-2146	A-4030-14F(197)					
	15	22-03-2152	A-4030-15B(197)	15	22-10-2152	A-4030-15B(241)	15	22-47-9159	A-4030-15A(241A)	15	22-03-2156	A-4030-15F(197)	15	22-03-2156	A-4030-15F(197)					
A	16	22-03-2162	A-4030-16B(197)	16	22-10-2162	A-4030-16B(241)	16	22-47-9169	A-4030-16A(241A)	16	22-03-2166	A-4030-16F(197)	16	22-03-2166	A-4030-16F(197)					

ASSY NO:	A-4030-NAB(197)		ASSY NO:	A-4030-NAF(197)		ASSY NO:	A-4030-NAH(197)		ASSY NO:	A-4030-NBE(197)	
PLATING:	197 OVERALL TIN		PLATING:	197 OVERALL TIN		PLATING:	197 OVERALL TIN		PLATING:	197 OVERALL TIN	
DIM L:	11.94/.470		DIM L:	21.34/.840		DIM L:	23.88/.940		DIM L:	16.00/.630	
DIM M:	5.79/.228		DIM M:	14.94/.588		DIM M:	17.37/.684		DIM M:	9.27/.365	
GOLD:	NA		GOLD:	NA		GOLD:	NA		GOLD:	NA	
DIM P:	2.84/.112		DIM P:	3.10/.122		DIM P:	3.20/.126		DIM P:	3.43/.135	
TIN:	OVERALL TIN		TIN:	OVERALL TIN		TIN:	OVERALL TIN		TIN:	OVERALL TIN	
PACK:	PK-4030-001 (BULK)		PACK:	PK-4030-001 (BULK)		PACK:	PK-4030-001 (BULK)		PACK:	PK-4030-001 (BULK)	
CKT	PART NO:	ENGINEERING NO:	CKT	PART NO:	ENGINEERING NO:	CKT	PART NO:	ENGINEERING NO:	CKT	PART NO:	ENGINEERING NO:
02	22-03-3021	A-4030-02AB(197)	02	22-03-2023	A-4030-02AF(197)	02	22-03-2028	A-4030-02AH(197)	02	22-03-2027	A-4030-02BE(197)
03	22-65-1030	A-4030-03AB(197)	03	22-03-2033	A-4030-03AF(197)	03	22-03-2038	A-4030-03AH(197)	03	22-03-2037	A-4030-03BE(197)
04	22-65-1040	A-4030-04AB(197)	04	22-03-2043	A-4030-04AF(197)	04	22-03-2048	A-4030-04AH(197)	04	22-03-2047	A-4030-04BE(197)
05	22-65-1050	A-4030-05AB(197)	05	22-03-2053	A-4030-05AF(197)	05	22-03-2058	A-4030-05AH(197)	05	22-03-2057	A-4030-05BE(197)
06	22-65-1060	A-4030-06AB(197)	06	22-03-2063	A-4030-06AF(197)	06	22-03-2068	A-4030-06AH(197)	06	22-03-2067	A-4030-06BE(197)
07	22-65-1070	A-4030-07AB(197)	07	22-03-2073	A-4030-07AF(197)	07	22-03-2078	A-4030-07AH(197)	07	22-03-2077	A-4030-07BE(197)
08	22-65-1080	A-4030-08AB(197)	08	22-03-2083	A-4030-08AF(197)	08	22-03-2088	A-4030-08AH(197)	08	22-03-2087	A-4030-08BE(197)
09	22-65-1090	A-4030-09AB(197)	09	22-03-2093	A-4030-09AF(197)	09	22-03-2098	A-4030-09AH(197)	09	22-03-2097	A-4030-09BE(197)
10	22-65-1100	A-4030-10AB(197)	10	22-03-2103	A-4030-10AF(197)	10	22-03-2108	A-4030-10AH(197)	10	22-03-2107	A-4030-10BE(197)
11	22-65-1110	A-4030-11AB(197)	11	22-03-2113	A-4030-11AF(197)	11	22-03-2118	A-4030-11AH(197)	11	22-03-2117	A-4030-11BE(197)
12	22-65-1120	A-4030-12AB(197)	12	22-03-2123	A-4030-12AF(197)	12	22-03-2128	A-4030-12AH(197)	12	22-03-2127	A-4030-12BE(197)
13	22-65-1130	A-4030-13AB(197)	13	22-03-2133	A-4030-13AF(197)	13	22-03-2138	A-4030-13AH(197)	13	22-03-2137	A-4030-13BE(197)
14	22-65-1140	A-4030-14AB(197)	14	22-03-2143	A-4030-14AF(197)	14	22-03-2148	A-4030-14AH(197)	14	22-03-2147	A-4030-14BE(197)
15	22-65-1150	A-4030-15AB(197)	15	22-03-2153	A-4030-15AF(197)	15	22-03-2158	A-4030-15AH(197)	15	22-03-2157	A-4030-15BE(197)
16	22-65-1160	A-4030-16AB(197)	16	22-03-2163	A-4030-16AF(197)	16	22-03-2168	A-4030-16AH(197)	16	22-03-2167	A-4030-16BE(197)

SEE SHEET 1 EC NO: UCP2014-5097 DRWN: JDOX 2014/06/04 CHKD: MKIPPER 2014/06/04 APPR: F SMITH 2014/06/10 CK1	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM/IN		SCALE 1:2	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
		= 0 = 0 = 0	mm INCH	DRAWN BY DATE	TITLE		KK 100 HEADER ASSEMBLY NON STANDARD OPTIONS				
		4 PLACES 3 PLACES 2 PLACES	± --- ± --- ± 0.38	± --- ± .015 ± ---	KSAMIEC 2011/03/22	CHECKED BY DATE					
		1 PLACE 0 PLACE	± --- ±	± --- ±	APPROVED BY DATE	JCOMERC I 2011/09/30					
		ANGULAR ±1/2°			MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART		SD-4030-0002		3 OF 5		
		SIZE A			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

6			5			4			3			2			1					
D	ASSY NO:		A-4030-NBJ(197)			ASSY NO:		A-4030-NBP(197)			ASSY NO:		A-4030-NEL(197)			ASSY NO:		A-4030-NJH(222)		
	PLATING:		197 OVERALL TIN			PLATING:		197 OVERALL TIN			PLATING:		197 OVERALL TIN			PLATING:		222 OVERALL TIN		
	DIM L:		17.53/.690			DIM L:		24.38/.960			DIM L:		14.99/.590			DIM L:		11.56/.455		
	DIM M:		7.49/.295			DIM M:		18.03/.710			DIM M:		8.26/.325			DIM M:		4.88/.192		
	GOLD:		NA			GOLD:		NA			GOLD:		NA			GOLD:		NA		
	DIM P:		6.73/.265			DIM P:		3.05/.120			DIM P:		3.43/.135			DIM P:		3.38/.133		
	TIN:		OVERALL TIN			TIN:		OVERALL TIN			TIN:		OVERALL TIN			TIN:		OVERALL TIN		
	PACK:		PK-4030-001 (BULK)			PACK:		PK-4030-001 (BULK)			PACK:		PK-4030-001 (BULK)			PACK:		PK-4030-001 (BULK)		
C																				
	CKT	PART NO:	ENGINEERING NO:	CKT	PART NO:	ENGINEERING NO:	CKT	PART NO:	ENGINEERING NO:	CKT	PART NO:	ENGINEERING NO:	CKT	PART NO:	ENGINEERING NO:	CKT	PART NO:	ENGINEERING NO:		
	02	22-03-5027	A-4030-02BJ(197)	02	22-03-5023	A-4030-02BP(197)	02	22-47-2029	A-4030-02EL(197)	02	50-29-1613	A-4030-02JH(222)	02		A-4030-02JH(222)	02		A-4030-02JH(222)		
	03	22-03-5037	A-4030-03BJ(197)	03	22-03-5033	A-4030-03BP(197)	03	22-47-2039	A-4030-03EL(197)	03		A-4030-03JH(222)	03		A-4030-03JH(222)	03		A-4030-03JH(222)		
	04	22-03-5047	A-4030-04BJ(197)	04	22-03-5043	A-4030-04BP(197)	04	22-47-2049	A-4030-04EL(197)	04		A-4030-04JH(222)	04		A-4030-04JH(222)	04		A-4030-04JH(222)		
	05	22-03-5057	A-4030-05BJ(197)	05	22-03-5053	A-4030-05BP(197)	05	22-47-2059	A-4030-05EL(197)	05		A-4030-05JH(222)	05		A-4030-05JH(222)	05		A-4030-05JH(222)		
	06	22-03-5067	A-4030-06BJ(197)	06	22-03-5063	A-4030-06BP(197)	06	22-47-2069	A-4030-06EL(197)	06		A-4030-06JH(222)	06		A-4030-06JH(222)	06		A-4030-06JH(222)		
	07	22-03-5077	A-4030-07BJ(197)	07	22-03-5073	A-4030-07BP(197)	07	22-47-2079	A-4030-07EL(197)	07		A-4030-07JH(222)	07		A-4030-07JH(222)	07		A-4030-07JH(222)		
	08	22-03-5087	A-4030-08BJ(197)	08	22-03-5083	A-4030-08BP(197)	08	22-47-2089	A-4030-08EL(197)	08		A-4030-08JH(222)	08		A-4030-08JH(222)	08		A-4030-08JH(222)		
	09	22-03-5097	A-4030-09BJ(197)	09	22-03-5093	A-4030-09BP(197)	09	22-47-2099	A-4030-09EL(197)	09		A-4030-09JH(222)	09		A-4030-09JH(222)	09		A-4030-09JH(222)		
	10	22-03-5107	A-4030-10BJ(197)	10	22-03-5103	A-4030-10BP(197)	10	22-47-2109	A-4030-10EL(197)	10		A-4030-10JH(222)	10		A-4030-10JH(222)	10		A-4030-10JH(222)		
	11	22-03-5117	A-4030-11BJ(197)	11	22-03-5113	A-4030-11BP(197)	11	22-47-2119	A-4030-11EL(197)	11		A-4030-11JH(222)	11		A-4030-11JH(222)	11		A-4030-11JH(222)		
	12	22-03-5127	A-4030-12BJ(197)	12	22-03-5123	A-4030-12BP(197)	12	22-47-2129	A-4030-12EL(197)	12		A-4030-12JH(222)	12		A-4030-12JH(222)	12		A-4030-12JH(222)		
	13	22-03-5137	A-4030-13BJ(197)	13	22-03-5133	A-4030-13BP(197)	13	22-47-2139	A-4030-13EL(197)	13		A-4030-13JH(222)	13		A-4030-13JH(222)	13		A-4030-13JH(222)		
	14	22-03-5147	A-4030-14BJ(197)	14	22-03-5143	A-4030-14BP(197)	14	22-47-2149	A-4030-14EL(197)	14		A-4030-14JH(222)	14		A-4030-14JH(222)	14		A-4030-14JH(222)		
	15	22-03-5157	A-4030-15BJ(197)	15	22-03-5153	A-4030-15BP(197)	15	22-47-2159	A-4030-15EL(197)	15		A-4030-15JH(222)	15		A-4030-15JH(222)	15		A-4030-15JH(222)		
16	22-03-5167	A-4030-16BJ(197)	16	22-03-5163	A-4030-16BP(197)	16	22-47-2169	A-4030-16EL(197)	16		A-4030-16JH(222)	16		A-4030-16JH(222)	16		A-4030-16JH(222)			
B																				
A																				

ASSY NO:		A-4030-NA(197)A		ASSY NO:		A-4030-NF(241)		ASSY NO:				ASSY NO:				
PLATING:		197 OVERALL TIN		PLATING:		241 SELECT GOLD 20 MI		PLATING:				PLATING:				
DIM L:		14.22/.560		DIM L:		21.34/.840		DIM L:				DIM L:				
DIM M:		7.49/.295		DIM M:		14.22/.560		DIM M:				DIM M:				
GOLD:		NA		GOLD:		5.08/.200		GOLD:				GOLD:				
DIM P:		3.43/.135		DIM P:		3.81/.150		DIM P:				DIM P:				
TIN:		OVERALL TIN		TIN:		5.08/.200		TIN:				TIN:				
PACK:		PK-44743-002 (TUBE)		PACK:		PK-4030-001 (BULK)		PACK:				PACK:				
CKT	PART NO:		ENGINEERING NO:			CKT	PART NO:		ENGINEERING NO:			CKT				
02	22-47-4023		A-4030-02A(197)A			02	22-10-2024		A-4030-02F(241)			02				
03	22-47-4033		A-4030-03A(197)A			03	22-10-2034		A-4030-03F(241)			03				
04	22-47-4043		A-4030-04A(197)A			04	22-10-2044		A-4030-04F(241)			04				
05	22-47-4053		A-4030-05A(197)A			05	22-10-2054		A-4030-05F(241)			05				
06	22-47-4063		A-4030-06A(197)A			06	22-10-2064		A-4030-06F(241)			06				
07	22-47-4073		A-4030-07A(197)A			07	22-10-2074		A-4030-07F(241)			07				
08	22-47-4083		A-4030-08A(197)A			08	22-10-2084		A-4030-08F(241)			08				
09	22-47-4093		A-4030-09A(197)A			09	22-10-2094		A-4030-09F(241)			09				
10	22-47-4103		A-4030-10A(197)A			10	22-10-2104		A-4030-10F(241)			10				
11	22-47-4113		A-4030-11A(197)A			11	22-10-2114		A-4030-11F(241)			11				
12	22-47-4123		A-4030-12A(197)A			12	22-10-2124		A-4030-12F(241)			12				
13	22-47-4133		A-4030-13A(197)A			13	22-10-2134		A-4030-13F(241)			13				
14	22-47-4143		A-4030-14A(197)A			14	22-10-2144		A-4030-14F(241)			14				
15	22-47-4153		A-4030-15A(197)A			15	22-10-2154		A-4030-15F(241)			15				
16	22-47-4163		A-4030-16A(197)A			16	22-10-2164		A-4030-16F(241)			16				

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