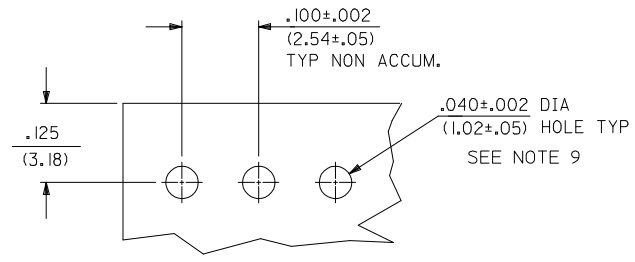


CKTS	DIM A	DIM B
2	.100 (2.54 )	.195 (4.95 )
3	.200 (5.08 )	.295 (7.49 )
4	.300 (7.62 )	.395 (10.03)
5	.400 (10.16)	.495 (12.57)
6	.500 (12.70)	.595 (15.11)
7	.600 (15.24)	.695 (17.65)
8	.700 (17.78)	.795 (20.19)
9	.800 (20.32)	.895 (22.73)
10	.900 (22.86)	.995 (25.27)

- NOTES:
1. MATERIAL: GLASS FILLED POLYESTER, RATED UL 94V-0, COLOR: NATURAL (WHITE)  
PIN MATERIAL: 260 BRASS.
  2. FINISH:
    - (197) - OVERALL REFLOWED MATTE TIN: .000060/(0.00152) MIN.  
OVERALL NICKEL UNDERPLATE: .000050/(0.00127) MIN.
    - (154) - OVERALL TIN: .000100/(0.00254) MIN.  
OVERALL NICKEL UNDERPLATE: .000050/(0.00127) MIN.
    - (231) - SELECT GOLD: .000050/(0.00127) MIN.  
SELECT MATTE TIN: .000100/(0.00254) MIN.  
OVERALL NICKEL UNDERPLATE: .000050/(0.00127) MIN.
  3. PRODUCT SPECIFICATIONS: PS-10-07.
  4. PACKAGING: OPTION 1): BULK PER PK-43009-001.  
OPTION 2): TUBE PER PK-44743-001.
  5. PIN PUSH OUT FORCE: 3 LBS. MIN. (PER CKT).
  6. PARTS ARE STACKABLE END TO END ON .100/(2.54) CENTERS.
  7. SOLDERABILITY PER ES-152.
  8. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
  9. KINK PIN OPTION NOT RECOMMENDED FOR 2 CIRCUIT PARTS.  
HOLE SIZE MAY NEED TO BE ADJUSTED FOR 2 CIRCUIT PARTS WITH KINK OPTION FOR PROPER INSERTION INTO THE PCB.  
SEE SMES-42003 FOR ADDITIONAL INFORMATION ON KINK PIN DIRECTION AND PLACEMENT.



RECOMMENDED PC BOARD LAYOUT  
(.062 THK)

GEN. DOC.	2-*	E1
ME 10	1	E2
DOC. TYPE	SHEET	REV.

ADD NOTE 9  
EC NO: UCP2013-1030  
DRAWN: MASTROH 2012/09/12  
CHKD: HKIPPER 2012/09/14  
APPR: F. SMITH 2012/10/09

REV	DESCRIPTION
1	QUALITY SYMBOLS
2	▽=0
3	▽=0
4	▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)	
mm	INCH
4 PLACES ± ---	± ---
3 PLACES ± ---	± .010
2 PLACES ± 0.25	± .014
1 PLACE ± 0.36	± ---
0 PLACE ±	±
ANGULAR ±1/2°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE IN/MM	
DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
MATERIAL NO.	DOCUMENT NO.
SEE CHART	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
TITLE		
HEADER ASSEMBLY FRICTION LOCK .100 CENTERS		
molex		
SDA-43009		SHEET NO. 1 OF *

A-43009-0002/0010												A-43009-0011/0019			A-43009-0056/0064			A-43009-0074/0081		
OPTIONS	Header No.	42009-N	OPTIONS	Header No.	42009-N	OPTIONS	Header No.	42009-N	OPTIONS	Header No.	42009-N									
	Pin No.	42663-0302		Pin No.	42663-0302		Pin No.	42663-0307		Pin No.	42663-0302									
	Dim. L	.560/(14.22)		Dim. L	.560/(14.22)		Dim. L	.560/(14.22)		Dim. L	.560/(14.22)									
	Dim. X	.295/(7.49)		Dim. X	.295/(7.49)		Dim. X	.295/(7.49)		Dim. X	.295/(7.49)									
	Dim. Z	.140/(3.56)		Dim. Z	.140/(3.56)		Dim. Z	.140/(3.56)		Dim. Z	.140/(3.56)									
	Dim. G	N/A		Dim. G	N/A		Dim. G	.140/(3.56)		Dim. G	N/A									
	Dim. T	OVERALL		Dim. T	OVERALL		Dim. T	.135/(3.43)		Dim. T	OVERALL									
	Plating	197 TIN		Plating	197 TIN		Plating	231 SGOLD		Plating	197 TIN									
	No. of Ckts	2-10		No. of Ckts	2-10		No. of Ckts	2-10		No. of Ckts	3-10									
	Void Ckts	None		Void Ckts	None		Void Ckts	None		Void Ckts	2									
	Kink Pins	No		Kink Pins	Yes		Kink Pins	Yes		Kink Pins	Yes									
	Packaging	PK-43009-001		Packaging	PK-43009-001		Packaging	PK-43009-001		Packaging	PK-43009-001									
Ckt	EDP No.	Engineering No.	Ckt	EDP No.	Engineering No.	Ckt	EDP No.	Engineering No.	Ckt	EDP No.	Engineering No.									
2	22-23-5024	A-43009-0002	2	22-23-5021	A-43009-0011	2	43009-0056	A-43009-0056	2											
3	22-23-5034	A-43009-0003	3	22-23-5031	A-43009-0012	3	43009-0057	A-43009-0057	3	43009-0074	A-43009-0074									
4	22-23-5044	A-43009-0004	4	22-23-5041	A-43009-0013	4	43009-0058	A-43009-0058	4	43009-0075	A-43009-0075									
5	22-23-5054	A-43009-0005	5	22-23-5051	A-43009-0014	5	43009-0059	A-43009-0059	5	43009-0076	A-43009-0076									
6	22-23-5064	A-43009-0006	6	22-23-5061	A-43009-0015	6	43009-0060	A-43009-0060	6	43009-0077	A-43009-0077									
7	22-23-5074	A-43009-0007	7	22-23-5071	A-43009-0016	7	43009-0061	A-43009-0061	7	43009-0078	A-43009-0078									
8	22-23-5084	A-43009-0008	8	22-23-5081	A-43009-0017	8	43009-0062	A-43009-0062	8	43009-0079	A-43009-0079									
9	22-23-5094	A-43009-0009	9	22-23-5091	A-43009-0018	9	43009-0063	A-43009-0063	9	43009-0080	A-43009-0080									
10	22-23-5104	A-43009-0010	10	22-23-5101	A-43009-0019	10	43009-0064	A-43009-0064	10	43009-0081	A-43009-0081									
REV:												TITLE:			SHEET No.					
E1												SEE SHEET 1			HEADER ASSEMBLY FRICTION LOCK			- 2 -		
5/31/2012															.100 CENTERS					
DOCUMENT NUMBER:						CREATED / REVISED BY:			CHECKED BY:			APPROVED BY:								
SDA-43009						MKIPPER			BANDERSON			FSMITH								
TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC																				

A-43009-0082/0089			A-43009-0090/0097			A-43009-0098/0106			A-43009-0107/0115		
OPTIONS	Header No.	42009-N	OPTIONS	Header No.	42009-N	OPTIONS	Header No.	42009-N	OPTIONS	Header No.	42009-N
	Pin No.	42663-0302		Pin No.	42663-0302		Pin No.	42663-0309		Pin No.	42663-0309
	Dim. L	.560/(14.22)		Dim. L	.560/(14.22)		Dim. L	.560/(14.22)		Dim. L	.560/(14.22)
	Dim. X	.295/(7.49)		Dim. X	.295/(7.49)		Dim. X	.295/(7.49)		Dim. X	.295/(7.49)
	Dim. Z	.140/(3.56)		Dim. Z	.140/(3.56)		Dim. Z	.140/(3.56)		Dim. Z	.140/(3.56)
	Dim. G	N/A		Dim. G	N/A		Dim. G	N/A		Dim. G	N/A
	Dim. T	OVERALL		Dim. T	OVERALL		Dim. T	OVERALL		Dim. T	OVERALL
	Plating	197 TIN		Plating	197 TIN		Plating	154 TIN		Plating	154 TIN
	No. of Ckts	3-10		No. of Ckts	3-10		No. of Ckts	2-10		No. of Ckts	2-10
	Void Ckts	3		Void Ckts	3		Void Ckts	None		Void Ckts	None
	Kink Pins	Yes		Kink Pins	No		Kink Pins	No		Kink Pins	Yes
	Packaging	PK-43009-001		Packaging	PK-43009-001		Packaging	PK-43009-001		Packaging	PK-43009-001
Ckt	EDP No.	Engineering No.	Ckt	EDP No.	Engineering No.	Ckt	EDP No.	Engineering No.	Ckt	EDP No.	Engineering No.
2			2			2	50-34-1986	A-43009-0098	2	50-34-1995	A-43009-0107
3	43009-0082	A-43009-0082	3	43009-0090	A-43009-0090	3	50-34-1987	A-43009-0099	3	50-34-1996	A-43009-0108
4	43009-0083	A-43009-0083	4	43009-0091	A-43009-0091	4	50-34-1988	A-43009-0100	4	50-34-1997	A-43009-0109
5	43009-0084	A-43009-0084	5	43009-0092	A-43009-0092	5	50-34-1989	A-43009-0101	5	50-34-1998	A-43009-0110
6	43009-0085	A-43009-0085	6	43009-0093	A-43009-0093	6	50-34-1990	A-43009-0102	6	50-34-1999	A-43009-0111
7	43009-0086	A-43009-0086	7	43009-0094	A-43009-0094	7	50-34-1991	A-43009-0103	7	50-30-4401	A-43009-0112
8	43009-0087	A-43009-0087	8	43009-0095	A-43009-0095	8	50-34-1992	A-43009-0104	8	50-30-4402	A-43009-0113
9	43009-0088	A-43009-0088	9	43009-0096	A-43009-0096	9	50-34-1993	A-43009-0105	9	50-30-4403	A-43009-0114
10	43009-0089	A-43009-0089	10	43009-0097	A-43009-0097	10	50-34-1994	A-43009-0106	10	50-30-4404	A-43009-0115
<div> <div>REV:</div> <div>E1</div> </div> <div> <div>SEE SHEET 1</div> <div>5/31/2012</div> </div> <div> <div>TITLE:</div> <div> <div>HEADER ASSEMBLY FRICTION LOCK</div> <div>.100 CENTERS</div> </div> </div> <div> <div>SHEET No.</div> <div>- 3 -</div> </div>											
DOCUMENT NUMBER: SDA-43009			CREATED / REVISED BY: MKIPPER			CHECKED BY: BANDERSON			APPROVED BY: FSMITH		

A-43009-0125/0130											
OPTIONS	Header No.	42009-N	OPTIONS	Header No.		OPTIONS	Header No.		OPTIONS	Header No.	
	Pin No.	42663-0302		Pin No.			Pin No.			Pin No.	
	Dim. L	.560/(14.22)		Dim. L			Dim. L			Dim. L	
	Dim. X	.295/(7.49)		Dim. X			Dim. X			Dim. X	
	Dim. Z	.140/(3.56)		Dim. Z			Dim. Z			Dim. Z	
	Dim. G	N/A		Dim. G			Dim. G			Dim. G	
	Dim. T	OVERALL		Dim. T			Dim. T			Dim. T	
	Plating	197 TIN		Plating			Plating			Plating	
	No. of Ckts	5-10		No. of Ckts			No. of Ckts			No. of Ckts	
	Void Ckts	5		Void Ckts			Void Ckts			Void Ckts	
	Kink Pins	No		Kink Pins			Kink Pins			Kink Pins	
	Packaging	PK-43009-001		Packaging	PK-43009-001		Packaging	PK-43009-001		Packaging	PK-43009-001
Ckt	EDP No.	Engineering No.	Ckt	EDP No.	Engineering No.	Ckt	EDP No.	Engineering No.	Ckt	EDP No.	Engineering No.
2			2			2			2		
3			3			3			3		
4			4			4			4		
5			5			5			5		
6			6			6			6		
7	43009-0127	A-43009-0127	7			7			7		
8			8			8			8		
9			9			9			9		
10			10			10			10		
<div> <div>REV:</div> <div>SEE SHEET 1</div> <div>5/31/2012</div> </div> <div> <div>TITLE:</div> <div>HEADER ASSEMBLY FRICTION LOCK</div> <div>.100 CENTERS</div> </div> <div> <div>SHEET No.</div> <div>- 4 -</div> </div>											
DOCUMENT NUMBER:			CREATED / REVISED BY:			CHECKED BY:			APPROVED BY:		
SDA-43009			MKIPPER			BANDERSON			FSMITH		

TEMPLATE FILENAME: PRODUCT\_SPEC[SIZE\_A](V.1).DOC

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