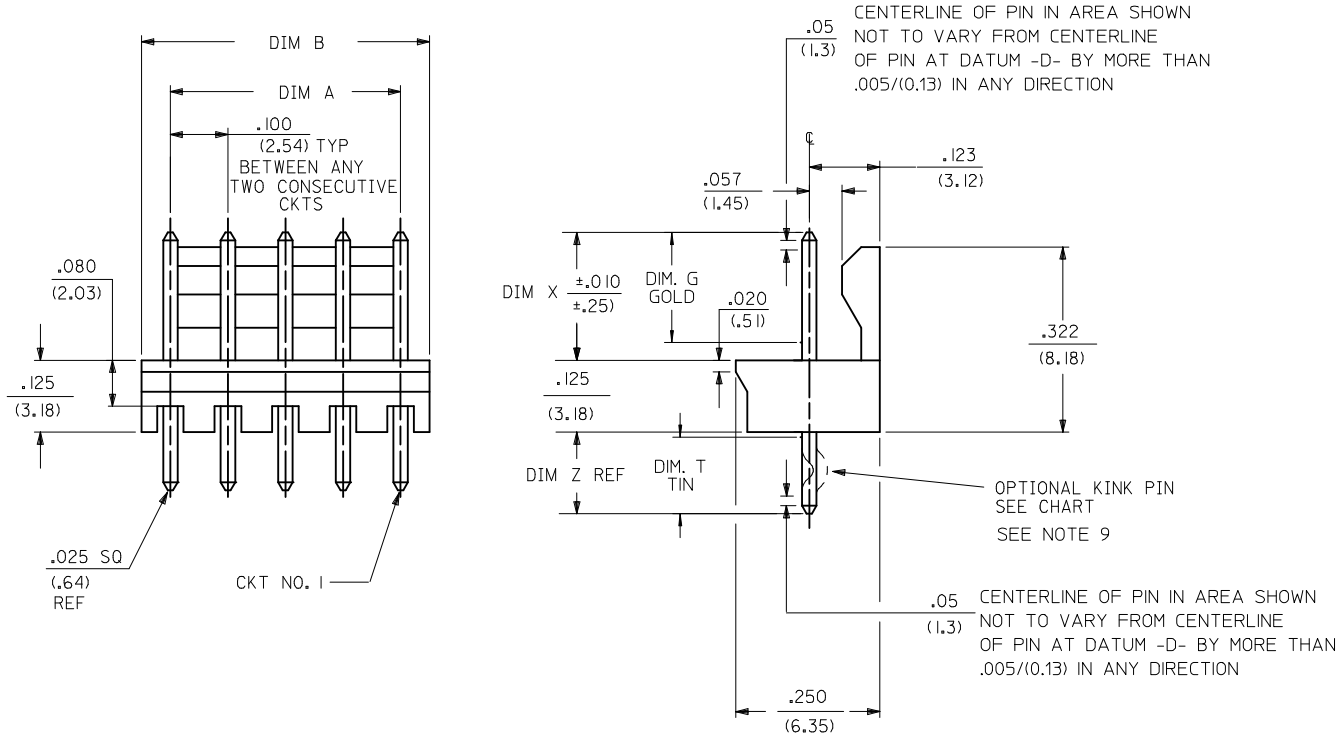
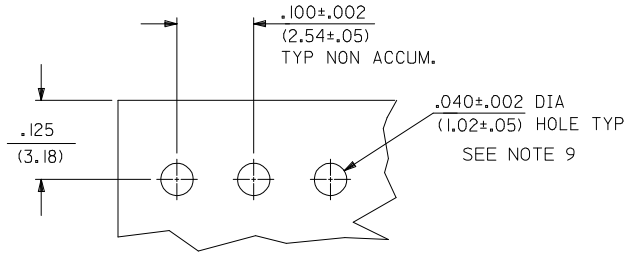


CKTS	DIM A	DIM B
2	.100 (2.54)	.195 (4.95)
3	.200 (5.08)	.295 (7.49)
4	.300 (7.62)	.395 (10.03)
5	.400 (10.16)	.495 (12.57)
6	.500 (12.70)	.595 (15.11)
7	.600 (15.24)	.695 (17.65)
8	.700 (17.78)	.795 (20.19)
9	.800 (20.32)	.895 (22.73)
10	.900 (22.86)	.995 (25.27)

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 — 2012/09/12
EC NO: UCP2013-1030 — 2012/09/14
DRWN:MMSTROH — 2012/09/14
CHKD:MKIPPER — 2012/10/09
APPR:FSMITH — DESCRIPTION
E2 — REV

QUALITY SYMBOLS
E1 =0
E2 =0
E3 =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
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY	SAMIEC	DATE 01/28/92
CHECKED BY	PATEL	DATE 01/28/92
APPROVED BY	LENZ	DATE 01/28/92

TITLE: HEADER ASSEMBLY FRICTION LOCK .100 CENTERS

molex

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SDA-43009
SHEET NO.: 1 OF *
SIZE: C

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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** **5/31/2012**	**HEADER ASSEMBLY FRICTION LOCK** **.100 CENTERS**	**- 2 -**

DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SDA-43009	**MKIPPER**	**BANDERSON**	**FSMITH**

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

REV:		TITLE:	SHEET No.
E1	**SEE SHEET 1** **5/31/2012**	**HEADER ASSEMBLY FRICTION LOCK** **.100 CENTERS**	**- 3 -**

DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SDA-43009	**MKIPPER**	**BANDERSON**	**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		

REV:		TITLE:	SHEET No.
E1	**SEE SHEET 1** **5/31/2012**	**HEADER ASSEMBLY FRICTION LOCK** **.100 CENTERS**	**- 4 -**

DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SDA-43009	**MKIPPER**	**BANDERSON**	**FSMITH**

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