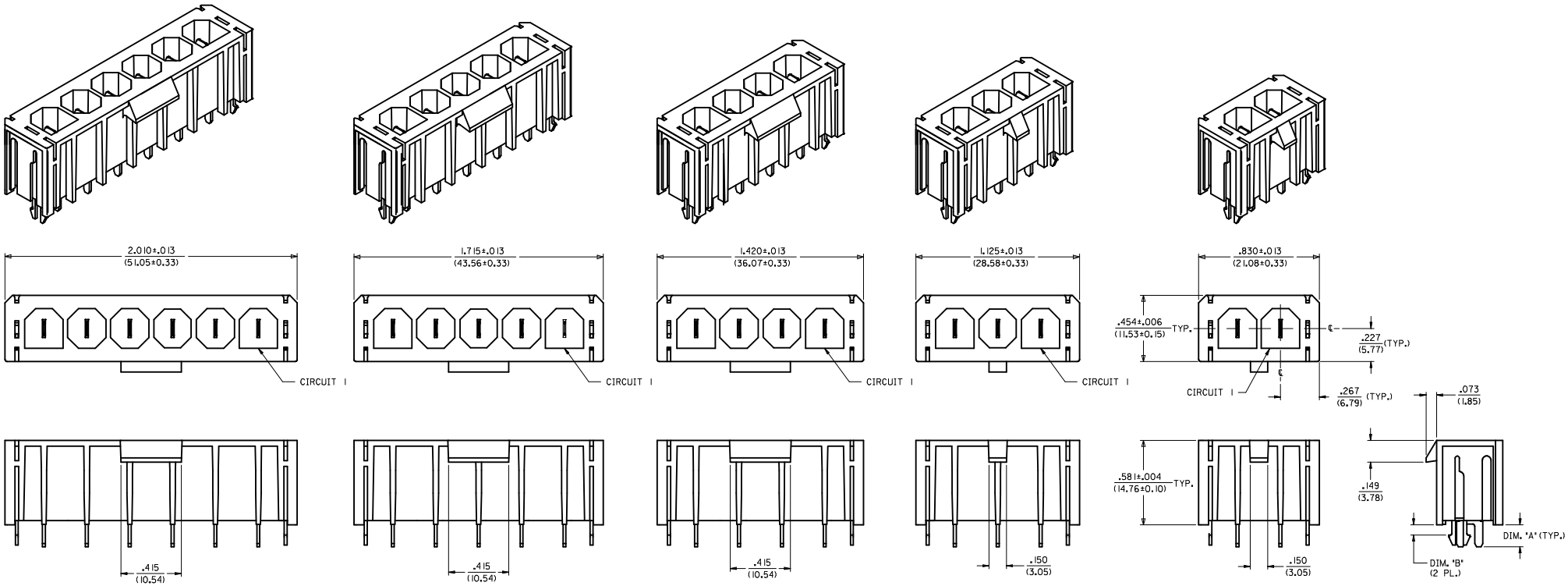
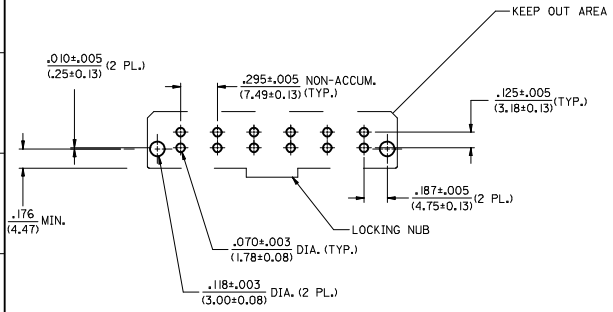


SEE SHEET 2 AND 3 FOR ITEM NUMBER CHART

RECOMMENDED P.C. BOARD LAYOUT FOR VERTICAL HEADERS

SCALE 2:1



6 CIRCUIT LAYOUT SHOWN

NOTES:

1. INSULATOR MATERIAL (SEE CHART):
   A = 30% GLASS FILLED 46 NYLON, 94V-0, COLOR: BLACK.
   TERMINAL MATERIAL: BRASS
2. TERMINAL FINISH: 60 MICROINCH (1.50 MICROMETER) MINIMUM TIN OVER 50 MICROINCH (1.25 MICROMETER) MINIMUM NICKEL.
3. PRODUCT SPECIFICATION: PSX-44441-9999.
4. PACKAGING: SEE CHART.
5. THESE HEADERS MATE WITH 43179, 43335, OR 44441 RECEPTACLE HOUSINGS.
6. UL 1950 COMPLIANT 46007 SERIES HEADERS ARE SIMILAR TO STANDARD LINE 43160 SERIES HEADERS EXCEPT HAVING TERMINALS WHICH ARE RECESSED MORE TO ALLOW HEADERS TO MEET UL 1950 PROBE REQUIREMENTS.
7. SEE SHEETS 1, 2 AND 3 FOR VERTICAL HEADER ASSEMBLY AND THEIR RESPECTIVE PART NUMBERS.
8. SEE SHEETS 4, 5 AND 6, FOR RIGHT ANGLE HEADER ASSEMBLIES AND THEIR RESPECTIVE PART NUMBERS.
9. TERMINALS ARE ON .295/(7.49) CENTERLINE SPACING.
10. DIMENSIONS ARE FOR REFERENCE ONLY, UNLESS INDICATED OTHERWISE.

SOLDER TAIL	DIM. "A" ±.020/(0.51)
SHORT	.150/(3.81)
LONG	.210/(5.33)

BOARD LOCK	DIM. "B"±.004/(0.15)
.062	.070/(1.78)
.094	.102/(2.59)
.125	.133/(3.38)

6	D
5	D
4	D
3	D
2	D
1	D
SHT.	REV.

REPLACE CU UNDERPLATE
EC NO: UCP2012-3878 2012/05/29
DRWN:NAELHAG 2012/05/29
CHKD:JBELL 2012/08/28
APPR:FSMITH
DESCRIPTION
REV D

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .005
2 PLACES	± 0.13	± .01
1 PLACE	± 0.25	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

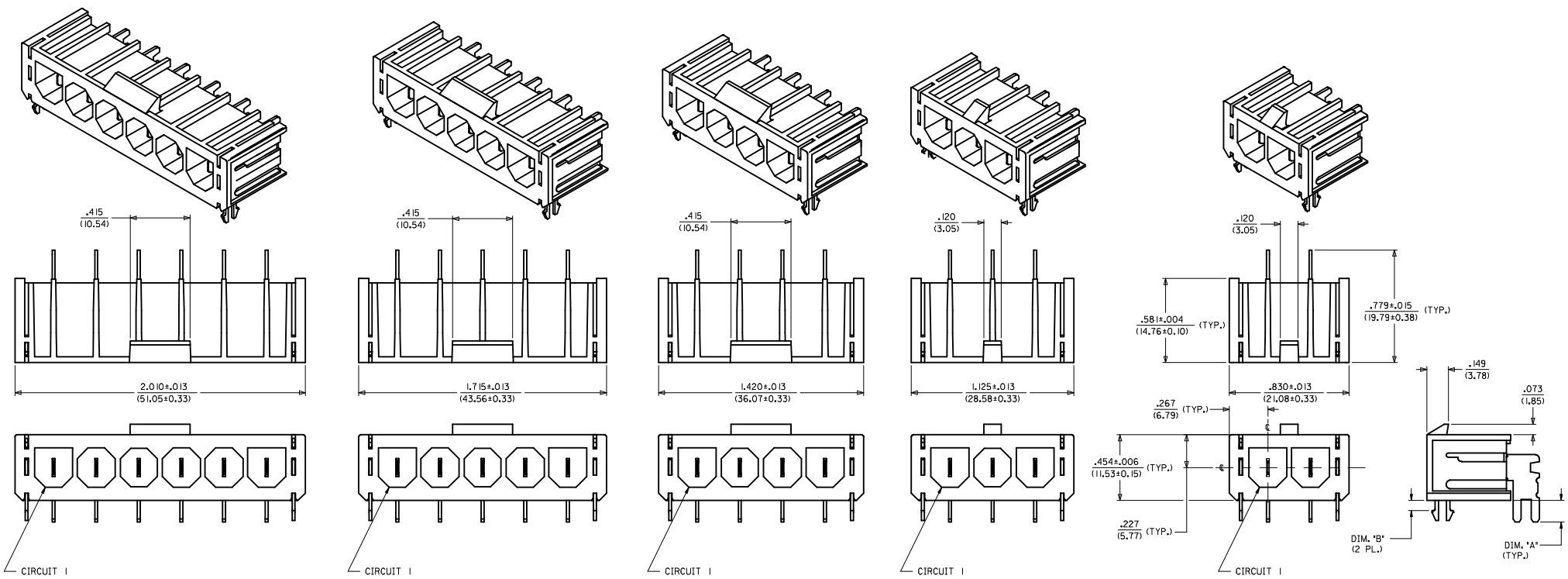
DIMENSION STYLE: IN/MM
SCALE: 3:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: CSTEWART DATE: 04/28/05
CHECKED BY: DATE:
APPROVED BY: DATE:

TITLE: SABRE HEADER ASSY VERTICAL, 2-6 & 8 CIR. UL 1950 COMPLIANT

MOLEX INCORPORATED

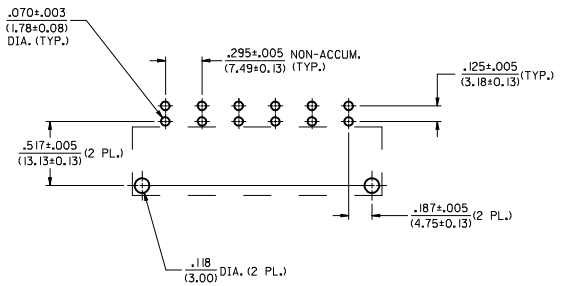
MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-46007-001
SHEET NO.: 1 OF 6
SIZE: D



SEE SHEET 5 AND 6 FOR ITEM NUMBER CHART

RECOMMENDED P.C. BOARD LAYOUT FOR RIGHT ANGLE HEADERS

SCALE 2:1



6 CIRCUIT LAYOUT SHOWN

NOTES:

1. INSULATOR MATERIAL (SEE CHART):
   A = 30% GLASS-FILLED 46 NYLON, 94V-0. COLOR: BLACK
   TERMINAL MATERIAL: BRASS
2. TERMINAL FINISH: 60 MICROINCH (1.50 MICROMETER) MINIMUM TIN OVER 50 MICROINCH (1.25 MICROMETER) MINIMUM NICKEL.
3. PRODUCT SPECIFICATION: PSX-44441-9999.
4. PACKAGING: SEE CHART.
5. THESE HEADERS MATE WITH 43179, 43335, OR 44441 RECEPTACLE HOUSINGS.
6. UL 1950 COMPLIANT 46007 SERIES HEADERS ARE SIMILAR TO STANDARD LINE 43160 SERIES HEADERS EXCEPT HAVING TERMINALS WHICH ARE RECESSED MORE TO ALLOW HEADERS TO MEET UL 1950 PROBE REQUIREMENTS.
7. SEE SHEETS 1, 2 AND 3 FOR VERTICAL HEADER ASSEMBLIES AND THEIR RESPECTIVE PART NUMBERS.
8. SEE SHEETS 4, 5 AND 6 FOR RIGHT ANGLE HEADER ASSEMBLIES AND THEIR RESPECTIVE PART NUMBERS.
9. TERMINALS ARE ON .295/(7.49) CENTERLINE SPACING.
10. DIMENSIONS ARE FOR REFERENCE ONLY. UNLESS INDICATED OTHERWISE.

SOLDER TAIL	DIM. "A" ±.011/(0.28)
SHORT	.150/(3.81)
LONG	.210/(5.33)

BOARD LOCK	DIM. "B" ±.004/(0.10)
.062	.070/(1.78)
.094	.102/(2.59)
.125	.133/(3.38)

REPLACE CU UNDERPLATE
EC NO: UCP2012-3878 2012/05/29
DRWN:NAELHAG 2012/05/29
CHKD:JBELL 2012/08/28
APPR:FSMITH
DESCRIPTION
REV D

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .005
2 PLACES	± 0.13	± .01
1 PLACE	± 0.25	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 3:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: CSTEWART DATE: 04/29/05
CHECKED BY: BWIRKUS DATE:
APPROVED BY: BWIRKUS DATE:
MATERIAL NO.: SEE CHART

TITLE: SABRE HEADER ASSY RT. ANGLE, 2-6 & 8 CIR. UL 1950 COMPLIANT

MOLEX INCORPORATED

DOCUMENT NO.: SD-46007-001
SHEET NO.: 4 OF 6
SIZE: D

RT. ANGLE HEADER ASSEMBLY ITEM NO	PART CHARACTERISTICS FOR RIGHT ANGLE HEADER				PACKAGING SPECIFICATIONS
	CIRCUIT SIZE	HSG. MAT'L (SEE NOTE 1)	SOLDER TAIL	BOARD LOCK	
46007-1102	2	A	SHORT	N/A	PK-43160-0010
46007-1302	2	A	LONG	N/A	PK-43789-001
46007-3102	2	A	SHORT	.062	PK-43789-001
46007-5102	2	A	SHORT	.094	PK-43789-001
46007-5302	2	A	LONG	.094	PK-43789-001
46007-7302	2	A	LONG	.125	PK-43789-001
46007-1103	3	A	SHORT	N/A	PK-43160-0010
46007-1303	3	A	LONG	N/A	PK-43789-001
46007-3103	3	A	SHORT	.062	PK-43789-001
46007-5103	3	A	SHORT	.094	PK-43789-001
46007-5303	3	A	LONG	.094	PK-43789-001
46007-7303	3	A	LONG	.125	PK-43789-001

RT. ANGLE HEADER ASSEMBLY ITEM NO.	PART CHARACTERISTICS FOR RIGHT ANGLE HEADER				PACKAGING SPECIFICATIONS
	CIRCUIT SIZE	HSG. MAT'L (SEE NOTE 1)	SOLDER TAIL	BOARD LOCK	
46007-1104	4	A	SHORT	N/A	PK-43160-0010
46007-1304	4	A	LONG	N/A	PK-43789-001
46007-3104	4	A	SHORT	.082	PK-43789-001
46007-5104	4	A	LONG	.094	PK-43789-001
46007-5304	4	A	LONG	.125	PK-43789-001
46007-7304	5	A	SHORT	N/A	PK-43160-0010
46007-1105	5	A	LONG	N/A	PK-43789-001
46007-1305	5	A	SHORT	.062	PK-43789-001
46007-3105	5	A	SHORT	.094	PK-43789-001
46007-5105	5	A	LONG	.094	PK-43789-001
46007-5305	5	A	LONG	.125	PK-43789-001
46007-7305	5	A	LONG	.125	PK-43789-001

RT. ANGLE HEADER ASSEMBLY ITEM NO.	PART CHARACTERISTICS FOR RIGHT ANGLE HEADER				PACKAGING SPECIFICATIONS
	CIRCUIT SIZE	HSG. MAT'L (SEE NOTE 1)	SOLDER TAIL	BOARD LOCK	
46007-1106	6	A	SHORT	N/A	PK-43160-0010
46007-1306	6	A	LONG	N/A	PK-43789-001
46007-3106	6	A	SHORT	.062	PK-43789-001
46007-5106	6	A	SHORT	.094	PK-43789-001
46007-5306	6	A	LONG	.094	PK-43789-001
46007-7306	6	A	LONG	.125	PK-43789-001

UPDATE REV. LEVEL
EC NO: UCP2012-3878 2012/05/29
DRWN:NAELHAG 2012/05/29
CHKD:JBELL 2012/08/28
APPR:FSMITH
REV: D
DESCRIPTION

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .005
2 PLACES	± 0.13	± .01
1 PLACE	± 0.25	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 1:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: CSTEWART DATE: 04/29/05
CHECKED BY: BWIRKUS DATE:
APPROVED BY: BWIRKUS DATE:
MATERIAL NO.: SEE CHART

TITLE: SABRE HEADER ASSY
RT. ANGLE, 2-6 & 8 CIR.
UL 1950 COMPLIANT

MOLEX INCORPORATED

DOCUMENT NO.: SD-46007-001
SHEET NO.: 5 OF 6

SIZE: D