

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0460075304

Status:

Active

Description:

7.50mm (.295") Pitch Sabre™ Header, Single Row, Right Angle, 4 Circuits, PC Tail Length 5.33mm (.210"), with Snap-In Metal Pins, Tin (Sn) Plating

Documents:

3D Model

Packaging Specification (PDF)

Drawing (PDF)

Product Specification PSX-44441-9999 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Series

Application

Comments

Product Literature Order No

Product Name

PCB Headers

46007

Wire-to-Board

Fully Polarized, Meets UL 1950 Finger Proof Standard

USA-113

Sabre™

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Compliant

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Polarized to Mating Part

Polarized to PCB

Shrouded

Stackable

No

4

4

Black

25

No

94V-0

No

No

None

Yes

Brass

Tin

Tin

High Temperature Thermoplastic

1

Right Angle

0.210 In

5.33 mm

No

Yes

0.093 In

2.40 mm

Tray

0.295 In

7.50 mm

35

0.88

35

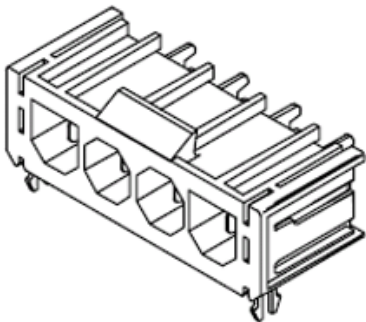
0.88

Yes

Yes

Fully

No



Series
image - Reference only

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

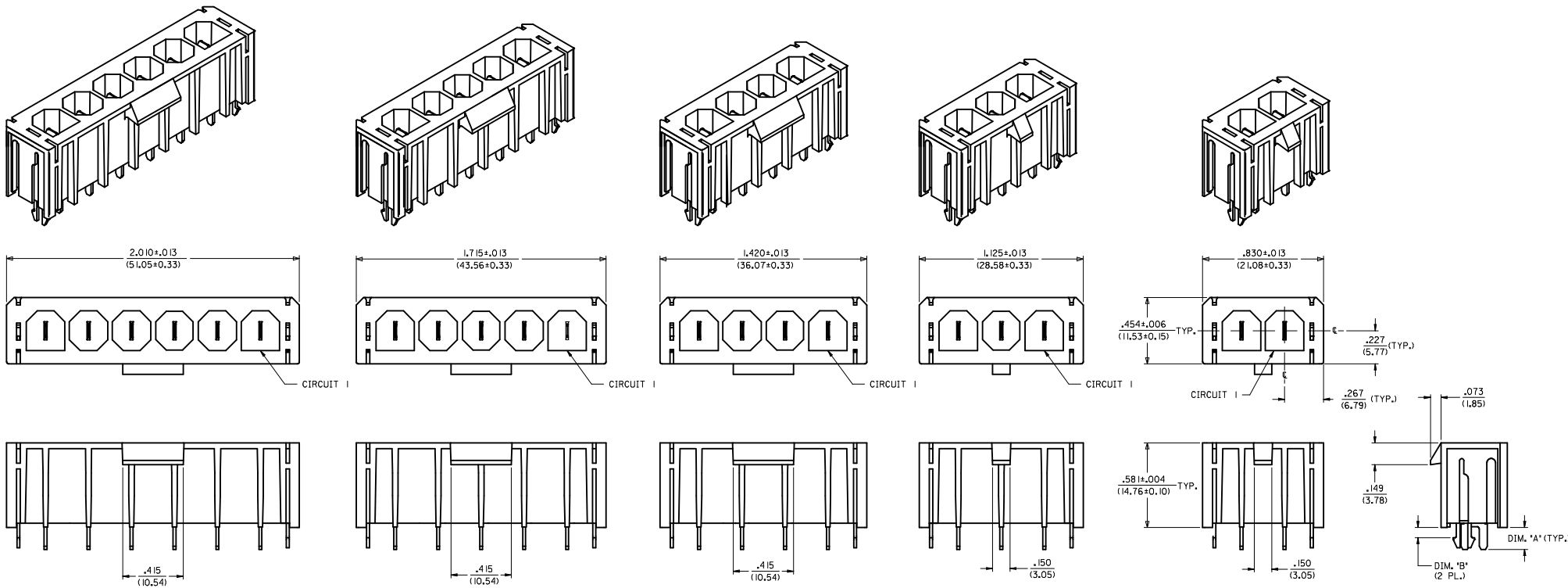
Search Parts in this Series

46007Series

Mates With

44441-2004

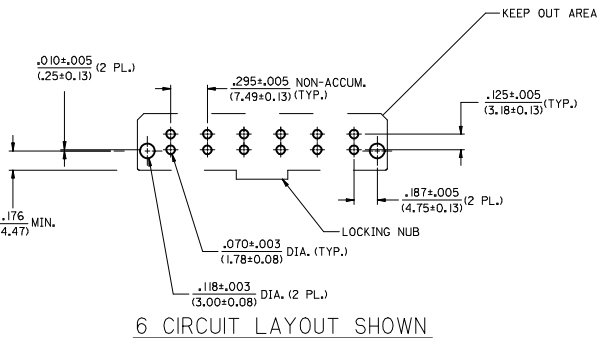
20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



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:

- INSULATOR MATERIAL (SEE CHART):
A = 30% GLASS FILLED 46 NYLON, 94V-0, COLOR: BLACK.
TERMINAL MATERIAL: C26000 BRASS.
- TERMINAL FINISH: 35 MICROINCH (0.88 MICROMETER) MINIMUM TIN OVER
20 MICROINCH (0.50 MICROMETER) MINIMUM COPPER.
* THE PRIMARY SHIPPING CARTON WILL BE LABELED
"COMPLIANT TO RoHS DIRECTIVE 2002/95/EC
AND ELV ANNEX II OF DIRECTIVE 2000/53/EC."
CARTONS WITHOUT THIS LABEL MAY CONTAIN
PRODUCT WITH TIN-LEAD IN THE PC TAILS.
- PRODUCT SPECIFICATION: PSX-44441-9999.
- PACKAGING: SEE CHART.
- THESE HEADERS MATE WITH 43179, 43335, OR 44441 RECEPTACLE HOUSINGS.
- 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.
- SEE SHEETS 1, 2 AND 3 FOR VERTICAL HEADER ASSEMBLY AND THEIR
RESPECTIVE PART NUMBERS.
- SEE SHEETS 4, 5 AND 6, FOR RIGHT ANGLE HEADER ASSEMBLIES AND
THEIR RESPECTIVE PART NUMBERS.
- TERMINALS ARE ON .295/(7.49) CENTERLINE SPACING.
- 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	C
5	C
4	C
3	C
2	C
1	C
SMT.	REV.

REMOVE 94V-2 MAT'L
EC NO: UCP2009-0067
DRAWN: KOSTEMELER 2009/03/05
CHKD: AELHAG 2009/03/05
APPR: FSW TH 2009/03/05
REV DESCRIPTION

QUALITY SYMBOLS
=0
=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

CHECKED BY

DATE
04/28/05

APPROVED BY

DATE

MATERIAL NO.
SEE CHART

DOCUMENT NO.
SD-46007-001

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

MOLEX INCORPORATED

SHEET NO.
1 OF 6

1b_frame_0_P_ME_T
Rev. D 2004/04/02

	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
M	RT. ANGLE HEADER ITEM NO	PART CHARACTERISTICS FOR RIGHT ANGLE HEADER				PACKAGING SPECIFICATIONS															M
	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															
L	46007-3102	2	A	SHORT	.062	PK-43789-001															
	46007-5102	2	A	SHORT	.094	PK-43789-001															L
	46007-5302	2	A	LONG	.094	PK-43789-001															
	46007-7302	2	A	LONG	.125	PK-43789-001															
K	46007-1103	3	A	SHORT	N/A	PK-43160-0010															K
	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															
J	46007-5303	3	A	LONG	.094	PK-43789-001															J
	46007-7303	3	A	LONG	.125	PK-43789-001															
I																					I
H																					H
G																					G
F																					F
E																					E
D																					D
C																					C
B																					B
A																					A

REMOVE 94V-2 P/NS
EC NO: UCP2009-0067
DRAWN: KLOSTERMEIER 2009/03/05
CHKD: AEL-HAG 2009/03/05
APPR: FSW LTH 2009/03/05

REV
DESCRIPTION

QUALITY
SYMBOLS

▽=0
▽=0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

mmINCH

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

DRAWN BY
CSTEWART

CHECKED BY
BWIRKUS

APPROVED BY
BWIRKUS

DATE
04/29/05

DATE

DATE

MATERIAL NO.

SD-46007-001

SCALE
1:1

DESIGN UNITS
INCH

THIRD ANGLE
PROJECTION

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

MOLEX INCORPORATED

MOLEX

SHEET NO.
5 OF 6

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