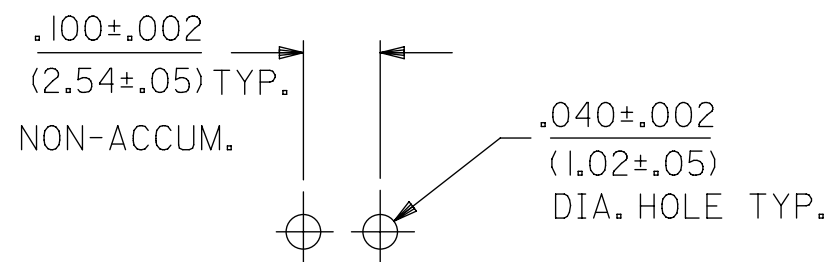




— PLATING: SEE NOTE 2.
FOR ADDITIONAL INFORMATION SEE SDES-88.

CENTERLINE OF PIN IN AREA SHOWN
NOT TO VARY FROM CENTERLINE OF
PIN AT DATUM -E- BY MORE THAN
.005/(0.13) IN ANY DIRECTION



	2	1
23	$\frac{2.300}{(58.42/57.96)}$	$\frac{2.200 \pm .009}{(55.88 \pm .23)}$
22	$\frac{2.200}{(55.88/55.42)}$	$\frac{2.100 \pm .009}{(53.34 \pm .23)}$
21	$\frac{2.100}{(53.34/52.88)}$	$\frac{2.000 \pm .009}{(50.80 \pm .23)}$
20	$\frac{2.000}{(50.80/50.34)}$	$\frac{1.900 \pm .009}{(48.26 \pm .23)}$
19	$\frac{1.900}{(48.26/47.80)}$	$\frac{1.800 \pm .009}{(45.72 \pm .23)}$
18	$\frac{1.800}{(45.72/45.31)}$	$\frac{1.700 \pm .008}{(43.18 \pm .20)}$
17	$\frac{1.700}{(43.18/42.77)}$	$\frac{1.600 \pm .008}{(40.64 \pm .20)}$
16	$\frac{1.600}{(40.64/40.23)}$	$\frac{1.500 \pm .008}{(38.10 \pm .20)}$
15	$\frac{1.500}{(38.10/37.69)}$	$\frac{1.400 \pm .008}{(35.56 \pm .20)}$
14	$\frac{1.400}{(35.56/35.20)}$	$\frac{1.300 \pm .007}{(33.02 \pm .18)}$
13	$\frac{1.300}{(33.02/32.66)}$	$\frac{1.200 \pm .007}{(30.48 \pm .18)}$
12	$\frac{1.200}{(30.48/30.12)}$	$\frac{1.100 \pm .007}{(27.94 \pm .18)}$
11	$\frac{1.100}{(27.94/27.58)}$	$\frac{1.000 \pm .007}{(25.40 \pm .18)}$
10	$\frac{1.000}{(25.40/25.04)}$	$\frac{.900 \pm .006}{(22.86 \pm .15)}$
9	$\frac{.900}{(22.86/22.50)}$	$\frac{.800 \pm .006}{(20.32 \pm .15)}$
8	$\frac{.800}{(20.32/19.96)}$	$\frac{.700 \pm .006}{(17.78 \pm .15)}$
7	$\frac{.700}{(17.78/17.42)}$	$\frac{.600 \pm .005}{(15.24 \pm .13)}$
6	$\frac{.600}{(15.24/14.88)}$	$\frac{.500 \pm .005}{(12.70 \pm .13)}$
5	$\frac{.500}{(12.70/12.40)}$	$\frac{.400 \pm .005}{(10.16 \pm .13)}$
4	$\frac{.400}{(10.16/9.86)}$	$\frac{.300 \pm .005}{(7.62 \pm .13)}$
3	$\frac{.300}{(7.62/7.32)}$	$\frac{.200 \pm .004}{(5.08 \pm .10)}$
2	$\frac{.200}{(5.08/4.78)}$	$\frac{.100 \pm .004}{(2.54 \pm .10)}$
NO. OF CKTS.	DIM. A	DIM. B

molex®

FRICION LOCK HEADER ASY
.100 CL. BENT SQ. PINS 7832 SERIES DWG. W/VOIDS

PRODUCT CUSTOMER DRAWING

SERIES	MATERIAL NUMBER	CUSTOMER
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7832	SEE CHART	GENERAL MARKET
------	-----------	----------------

DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER

SDA-7832	PSD	000	1 OF 3
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12

11

10

9

8

7

6

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3

2

1

H

G

F

E

D

C

B

A

ENG. NO.

PIN NO.

DIM. L

DIM. X

DIM. Z

DIM. Y

DIM. W

DIM. R

DIM. G

DIM. T

A-7832-NA197	42663-0662	.740 (18.80)	.264 (6.71)	.141 (3.58)	.120 (3.05)	90°	.046 (1.17)	N/A	OVERALL
A-7832-NB197	42663-0742	.780 (19.81)	.305 (7.75)	.140 (3.56)	.120 (3.05)	90°	.046 (1.17)	N/A	OVERALL
A-7832-NA241	42663-0666	.740 (18.80)	.264 (6.71)	.141 (3.58)	.120 (3.05)	90°	.046 (1.17)	.180 (4.57)	.135 (3.43)
A-7832-NA228	42663-0664	.740 (18.80)	.264 (6.71)	.141 (3.58)	.120 (3.05)	90°	.046 (1.17)	.180 (4.57)	.135 (3.43)

6373

M

ALTERNATE ENGRAVING LOCATION
(7-12 CKT PARTS ONLY). LOCATION
IS DEPENDENT ON TOOLING.

QUALITY SYMBOLS

= 0

= 0

= 0

= 0

= 0

= 0

= 0

= 0

= 0

= 0

SEE SHEET 1

EC NO: 111298

DRWN: MKIPPER

CHKD: MKIPPER

REV APPR: FSMITH

U3

2016/03/16

2017/04/11

2017/04/28

GENERAL TOLERANCES
(UNLESS SPECIFIED)

MM

INCH

4 PLACES ±

3 PLACES ±

2 PLACES ±

1 PLACES ±

0 PLACES ±

ANGULAR TOL ± 1/2

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION UNITS

IN/MM

DRWN BY

DATE

CHK'D BY

DATE

APPR BY

DATE

DRAWING SIZE

C

THIRD ANGLE PROJECTION

SERIES

7832

MATERIAL NUMBER

SEE CHART

CUSTOMER

GENERAL MARKET

DOCUMENT NUMBER

SDA-7832

DOC TYPE

PSD

DOC PART

000

SHEET NUMBER

2 OF 3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

molex®

FRICITION LOCK HEADER ASY

.100 CL. BENT SQ. PINS 7832 SERIES DWG. W/VOIDS

PRODUCT CUSTOMER DRAWING

SERIES

7832

MATERIAL NUMBER

SEE CHART

CUSTOMER

GENERAL MARKET

DOCUMENT NUMBER

SDA-7832

DOC TYPE

PSD

DOC PART

000

SHEET NUMBER

2 OF 3

RELEASE STATUS

P1

RELEASE DATE

28.04.2017

22:16:24

12

11

10

9

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2

1

FORMAT: Edge-Header-master-to-epsd-C

REVISION: B

DATE: 2016/11/19

	12	11	10	9	8	7	6	5	4	3	2	1
H	A-7832-NA197-*			A-7832-NB197-*			A-7832-NA241-*			A-7832-NA228-*		
	PART NO.	ENG. NO (SUFFIX ONLY)	VOID CKT.	PART NO.	ENG. NO (SUFFIX ONLY)	VOID CKT.	PART NO.	ENG. NO (SUFFIX ONLY)	VOID CKT.	PART NO.	ENG. NO (SUFFIX ONLY)	VOID CKT.
	22-05-8059	A-7832-5A197-2	2	22-05-8109	A-7832-10B197-6	6	22-19-2070	A-7832-7A241-6	6	22-19-2098	A-7832-9A228-3	3
	22-05-8199	A-7832-19A197-14	14	22-05-8078	A-7832-7B197-4	4	22-19-2060	A-7832-6A241-3	3	22-19-2099	A-7832-9A228-4	4
	22-05-8069	A-7832-6A197-2	2				22-19-2090	A-7832-9A241-6	6	22-19-2048	A-7832-4A228-3	3
	22-05-8076	A-7832-7A197-4	4									
	22-05-8077	A-7832-7A197-5	5									
G	22-05-8068	A-7832-6A197-5	5									
	22-05-8047	A-7832-4A197-2	2									
	22-05-8079	A-7832-7A197-3	3									
	22-05-8116	A-7832-11A197-6	6									
		A-7832-5A197-4	4									
	22-05-8253	A-7832-25A197-1	1									
	22-05-8129	A-7832-12A197-10	10									
F	22-05-8159	A-7832-15A197-14	14									
	22-05-8128	A-7832-12A197-4	4									
	22-05-8049	A-7832-4A197-3	3									
	22-05-8086	A-7832-8A197-4	4									
	22-05-8113	A-7832-11A197-51	1,5,9									
	22-05-8162	A-7832-16A197-51	1,8									
	22-05-8087	A-7832-8A197-2	2									
E	22-05-8088	A-7832-8A197-6	6									
	22-05-8089	A-7832-8A197-7	7									
	22-05-8104	A-7832-10A197-2	2									
	22-05-8105	A-7832-10A197-9	9									
	22-05-8084	A-7832-8A197-3	3									
	22-05-3277	A-7832-27A197-51	3,7,9,11,14 16,21,23									
	22-05-8143	A-7832-14A197-51	2,3,5,6									
D	46999-0581	A-7832-17A197-51	3,6,12,15									
	46999-0651	A-7832-3A197-2	2									
C												
B												
A												

QUALITY SYMBOLS

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SEE SHEET 1

EC NO: 111298

DRWN: MKIPPER

CHKD: MKIPPER

REV APPR: FSMITH

2016/03/16

2017/04/11

2017/04/28

GENERAL TOLERANCES (UNLESS SPECIFIED)

MM

INCH

4 PLACES ±

±

3 PLACES ±

± .010

2 PLACES ±

0.25 ±

1 PLACES ±

0.36 ±

0 PLACES ±

±

ANGULAR TOL ± 1/2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION UNITS

IN/MM

SCALE

NTS

DRWN BY

DATE

2014/04/07

CHK'D BY

DATE

98/10/09

APPR BY

DATE

2014/08/06

DRAWING SIZE

C

THIRD ANGLE PROJECTION

⌀

SERIES

7832

MATERIAL NUMBER

SEE CHART

CUSTOMER

GENERAL MARKET

DOCUMENT NUMBER

SDA-7832

DOC TYPE

PSD

DOC PART

000

SHEET NUMBER

3 OF 3

RELEASE STATUS

P1

RELEASE DATE

28.04.2017

22:16:24

12

11

10

9

8

7

6

5

4

3

2

1

FORMAT: Edge-Header-Header-to-Header-C
REVISION: B
DATE: 2016/11/19

Mouser Electronics

Authorized Distributor

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Molex:

22-05-8059