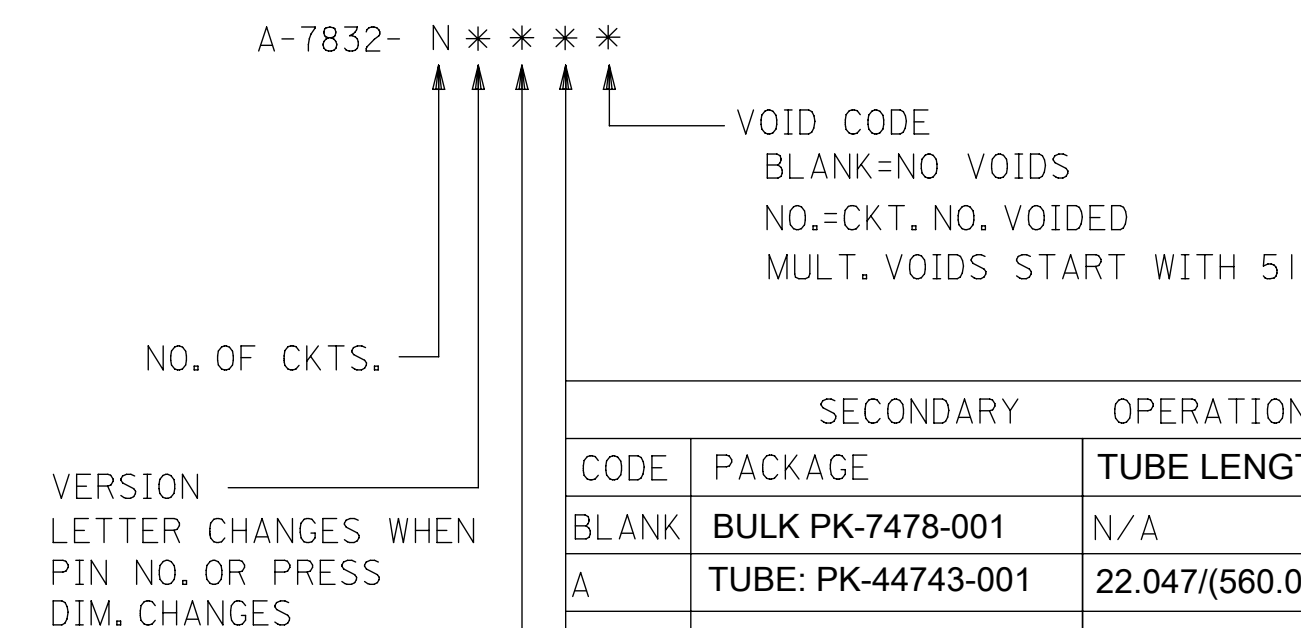
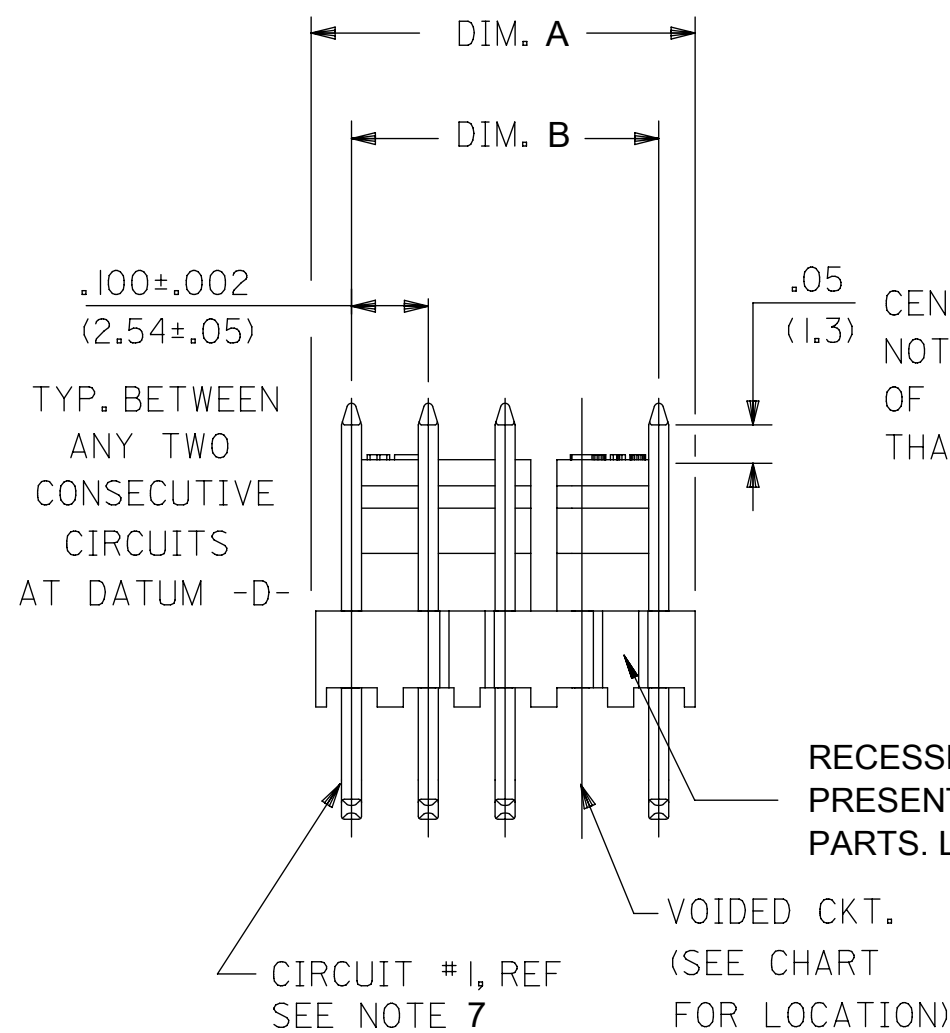
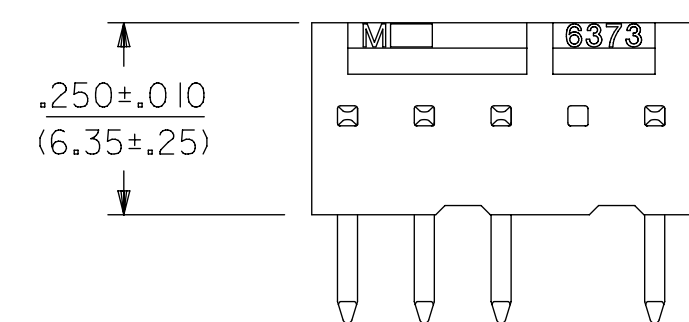


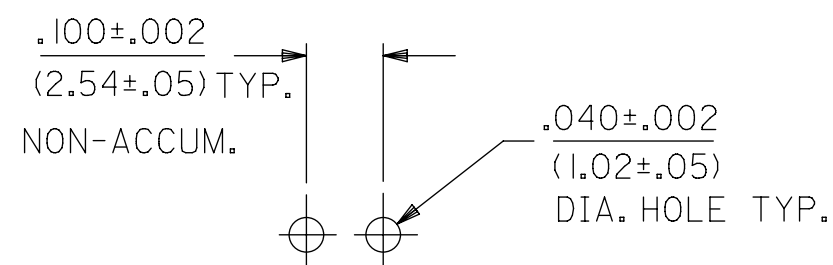
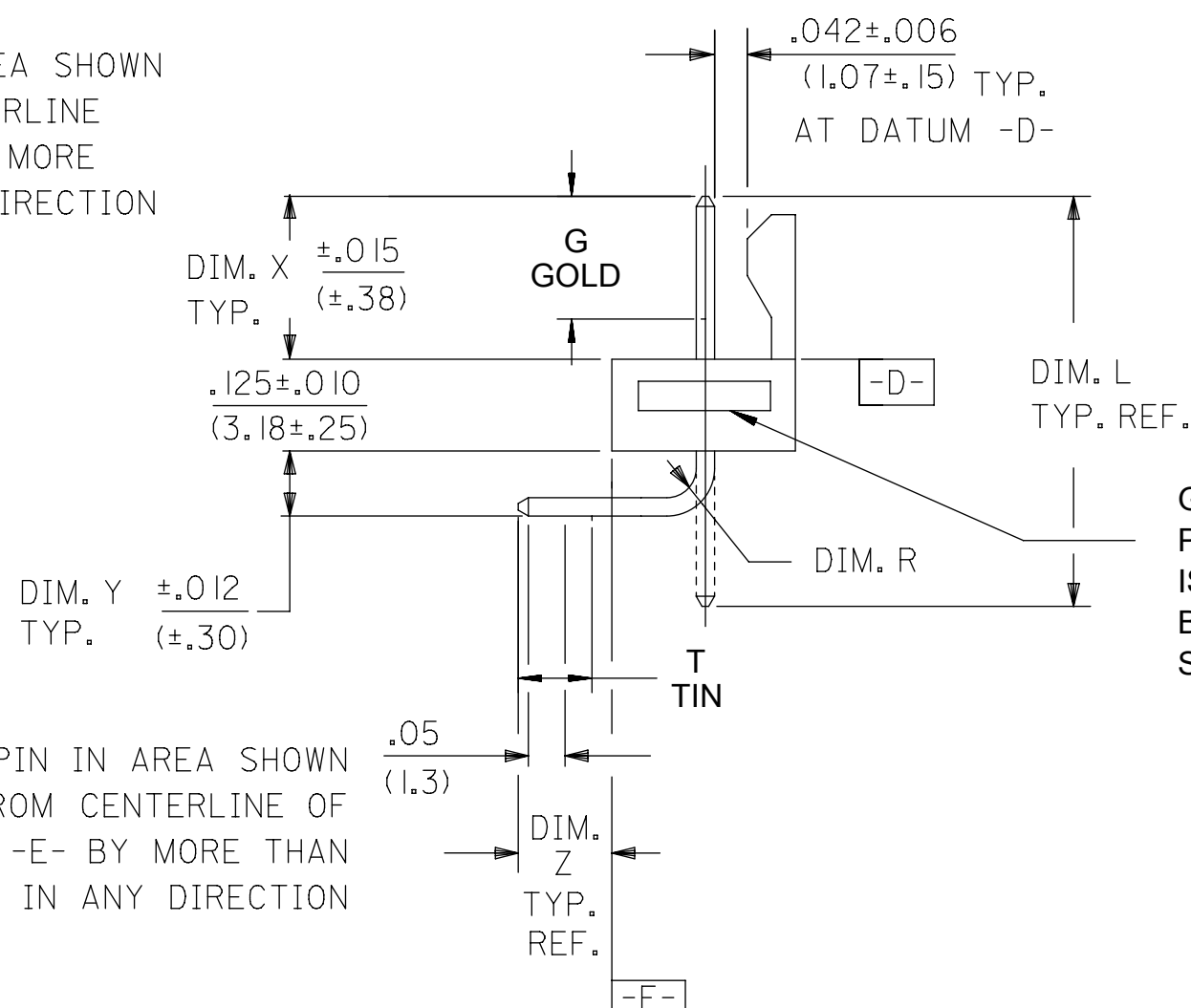


SECONDARY		OPERATIONS
CODE	PACKAGE	TUBE LENGTH
BLANK	BULK PK-7478-001	N/A
A	TUBE: PK-44743-001	22.047/(560.00)

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

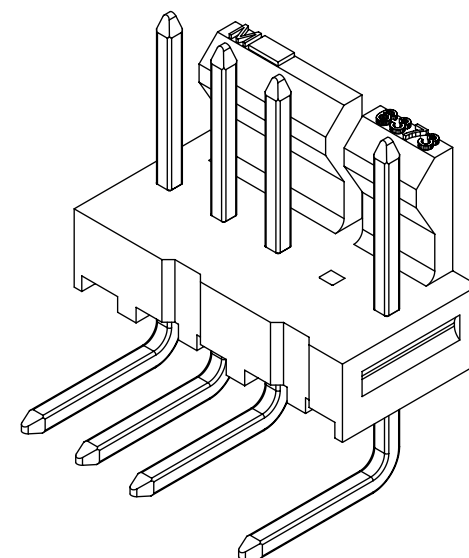
NOTES:

1. MATERIAL: NYLON, UL94V-0, COLOR: WHITE
2. FINISH:
 - (197) OVERALL REFLOWED MATTE TIN: 0.00152/.000060 MIN.
OVER 0.00127/.000050 MIN. NICKEL OVERALL.
 - (228) SELECT GOLD: 0.00076/.000030 MIN.
SELECT TIN: 0.00254/.000100 MIN.
OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.
 - (241) SELECT GOLD: 0.00051/.000020 MIN.
SELECT TIN: 0.00254/.000100 MIN.
OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.
3. PARTS CONFORM TO PRODUCT SPECIFICATION PS-10-07.
4. PACKAGING INFORMATION: SEE LEGEND.
5. PARTS ARE STACKABLE END TO END ON .100/(2.54) CENTERS.
6. PIN PUSH OUT FORCE: 2 LBS. MIN.
7. CIRCUIT ONE DESIGNATION IS USED TO DEFINE VOID LOCATION. CIRCUIT ONE MAY OR MAY NOT LINE UP WITH CIRCUIT ONE ON THE MATING HOUSING.
8. PARTS CONFORM TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.



RECOMMENDED P.C. BOARD HOLE LAYOUT

28	$\frac{2.800 / 2.780}{(71.12 / 70.61)}$	$\frac{2.700 \pm .010}{(68.58 \pm .25)}$
27	$\frac{2.700 / 2.680}{(68.58 / 68.07)}$	$\frac{2.600 \pm .010}{(66.04 \pm .25)}$
26	$\frac{2.600 / 2.580}{(66.04 / 65.53)}$	$\frac{2.500 \pm .010}{(63.50 \pm .25)}$
25	$\frac{2.500 / 2.480}{(63.50 / 62.99)}$	$\frac{2.400 \pm .010}{(60.96 \pm .25)}$
24	$\frac{2.400 / 2.380}{(60.96 / 60.45)}$	$\frac{2.300 \pm .010}{(58.42 \pm .25)}$
NO. OF CKTS.	DIM. A	DIM. B



23	$\frac{2.300 / 2.282}{(58.42 / 57.96)}$	$\frac{2.200 \pm .009}{(55.88 \pm .23)}$
22	$\frac{2.200 / 2.182}{(55.88 / 55.42)}$	$\frac{2.100 \pm .009}{(53.34 \pm .23)}$
21	$\frac{2.100 / 2.082}{(53.34 / 52.88)}$	$\frac{2.000 \pm .009}{(50.80 \pm .23)}$
20	$\frac{2.000 / 1.982}{(50.80 / 50.34)}$	$\frac{1.900 \pm .009}{(48.26 \pm .23)}$
19	$\frac{1.900 / 1.882}{(48.26 / 47.80)}$	$\frac{1.800 \pm .009}{(45.72 \pm .23)}$
18	$\frac{1.800 / 1.784}{(45.72 / 45.31)}$	$\frac{1.700 \pm .008}{(43.18 \pm .20)}$
17	$\frac{1.700 / 1.684}{(43.18 / 42.77)}$	$\frac{1.600 \pm .008}{(40.64 \pm .20)}$
16	$\frac{1.600 / 1.584}{(40.64 / 40.23)}$	$\frac{1.500 \pm .008}{(38.10 \pm .20)}$
15	$\frac{1.500 / 1.484}{(38.10 / 37.69)}$	$\frac{1.400 \pm .008}{(35.56 \pm .20)}$
14	$\frac{1.400 / 1.386}{(35.56 / 35.20)}$	$\frac{1.300 \pm .007}{(33.02 \pm .18)}$
13	$\frac{1.300 / 1.286}{(33.02 / 32.66)}$	$\frac{1.200 \pm .007}{(30.48 \pm .18)}$
12	$\frac{1.200 / 1.186}{(30.48 / 30.12)}$	$\frac{1.100 \pm .007}{(27.94 \pm .18)}$
11	$\frac{1.100 / 1.086}{(27.94 / 27.58)}$	$\frac{1.000 \pm .007}{(25.40 \pm .18)}$
10	$\frac{1.000 / .986}{(25.40 / 25.04)}$	$\frac{.900 \pm .006}{(22.86 \pm .15)}$
9	$\frac{.900 / .886}{(22.86 / 22.50)}$	$\frac{.800 \pm .006}{(20.32 \pm .15)}$
8	$\frac{.800 / .786}{(20.32 / 19.96)}$	$\frac{.700 \pm .006}{(17.78 \pm .15)}$
7	$\frac{.700 / .686}{(17.78 / 17.42)}$	$\frac{.600 \pm .005}{(15.24 \pm .13)}$
6	$\frac{.600 / .586}{(15.24 / 14.88)}$	$\frac{.500 \pm .005}{(12.70 \pm .13)}$
5	$\frac{.500 / .488}{(12.70 / 12.40)}$	$\frac{.400 \pm .005}{(10.16 \pm .13)}$
4	$\frac{.400 / .388}{(10.16 / 9.86)}$	$\frac{.300 \pm .005}{(7.62 \pm .13)}$
3	$\frac{.300 / .288}{(7.62 / 7.32)}$	$\frac{.200 \pm .004}{(5.08 \pm .10)}$
2	$\frac{.200 / .188}{(5.08 / 4.78)}$	$\frac{.100 \pm .004}{(2.54 \pm .10)}$
NO. OF CKTS.	DIM. A	DIM. B

QUALITY SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																												
 = 0		ADD ALT ENGRAVING VIEW		EC NO: 111298 DRWN: MKIPPER CHKD: MKIPPER REV APPR: FSMITH		2016/03/16 2017/04/11 2017/04/28		GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION UNITS		SCALE		molex® FRICTION LOCK HEADER ASY .100 CL. BENT SQ. PINS 7832 SERIES DWG. W/VOIDS PRODUCT CUSTOMER DRAWING <table><tr><td>SERIES</td><td colspan="3">MATERIAL NUMBER</td><td colspan="3">CUSTOMER</td></tr><tr><td>7832</td><td colspan="3">SEE CHART</td><td colspan="3">GENERAL MARKET</td></tr><tr><td colspan="2">DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td><td colspan="2">SHEET NUMBER</td></tr><tr><td colspan="2">SDA-7832</td><td>PSD</td><td>000</td><td colspan="2">1 OF 3</td></tr></table>						SERIES	MATERIAL NUMBER			CUSTOMER			7832	SEE CHART			GENERAL MARKET			DOCUMENT NUMBER		DOC TYPE	DOC PART	SHEET NUMBER		SDA-7832		PSD	000	1 OF 3	
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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

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= 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

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1

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

REVISION: B

DATE: 2016/11/19

[illegible]

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

22-05-8089