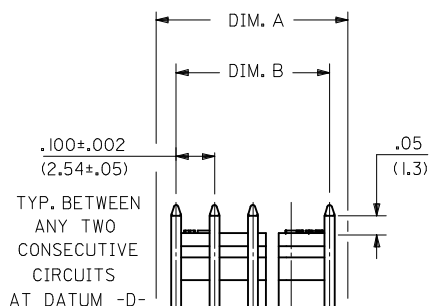


$$\frac{.250 \pm .010}{(6.35 \pm .25)}$$

NOTES:

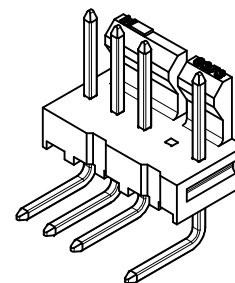
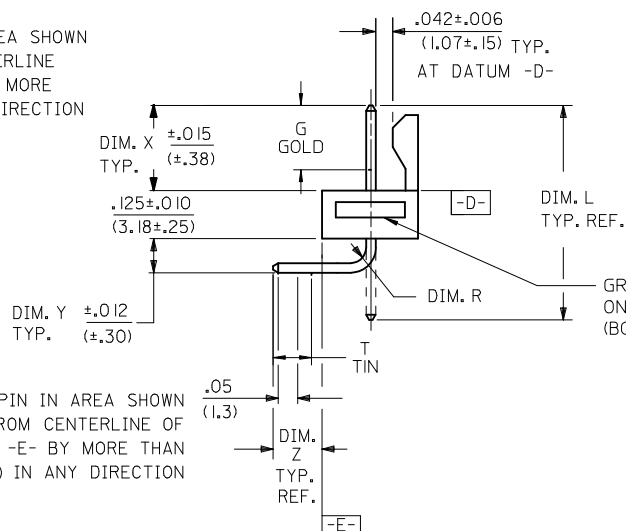
1. MATERIAL: NYLON, UL94V-0, COLOR: WHITE
2. FINISH:
 - (197) OVERALL REFLOWED MATTE TIN: 0.00152/.000060 MIN.
OVER 0.00127/.000050 MIN. NICKEL OVERALL.
 - (228) SELECT GOLD: 0.00076/.000030 MIN.
SELECT TIN: 0.00254/.000100 MIN.
OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.
 - (241) SELECT GOLD: 0.00051/.000020 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.



RECESSED GATE MAY BE
— PRESENT ON 2-25 CKT
PARTS. LOCATION VARIES

-VOIDED CKT.
(SEE CHART
FOR LOCATION)

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

NO.
OF
CKTS.

100.50

50.12 123

[illegible]

12.54	10

23	$\frac{2.300 / 2.282}{(58.42 / 57.96)}$	$2.200 \pm .009$ $(55.88 \pm .23)$
22	$\frac{2.200 / 2.182}{(55.88 / 55.42)}$	$2.100 \pm .009$ $(53.34 \pm .23)$
21	$\frac{2.100 / 2.082}{(53.34 / 52.88)}$	$2.000 \pm .009$ $(50.80 \pm .23)$
20	$\frac{2.000 / 1.982}{(50.80 / 50.34)}$	$1.900 \pm .009$ $(48.26 \pm .23)$
19	$\frac{1.900 / 1.882}{(48.26 / 47.80)}$	$1.800 \pm .009$ $(45.72 \pm .23)$
18	$\frac{1.800 / 1.784}{(45.72 / 45.31)}$	$1.700 \pm .008$ $(43.18 \pm .20)$
17	$\frac{1.700 / 1.684}{(43.18 / 42.77)}$	$1.600 \pm .008$ $(40.64 \pm .20)$
16	$\frac{1.600 / 1.584}{(40.64 / 40.23)}$	$1.500 \pm .008$ $(38.10 \pm .20)$
15	$\frac{1.500 / 1.484}{(38.10 / 37.69)}$	$1.400 \pm .008$ $(35.56 \pm .20)$
14	$\frac{1.400 / 1.386}{(35.56 / 35.20)}$	$1.300 \pm .007$ $(33.02 \pm .18)$
13	$\frac{1.300 / 1.286}{(33.02 / 32.66)}$	$1.200 \pm .007$ $(30.48 \pm .18)$
12	$\frac{1.200 / 1.186}{(30.48 / 30.12)}$	$1.100 \pm .007$ $(27.94 \pm .18)$
11	$\frac{1.100 / 1.086}{(27.94 / 27.58)}$	$1.000 \pm .007$ $(25.40 \pm .18)$
10	$\frac{1.000 / .986}{(25.40 / 25.04)}$	$.900 \pm .006$ $(22.86 \pm .15)$
9	$\frac{.900 / .886}{(22.86 / 22.50)}$	$.800 \pm .006$ $(20.32 \pm .15)$
8	$\frac{.800 / .786}{(20.32 / 19.96)}$	$.700 \pm .006$ $(17.78 \pm .15)$
7	$\frac{.700 / .686}{(17.78 / 17.42)}$	$.600 \pm .005$ $(15.24 \pm .13)$
6	$\frac{.600 / .586}{(15.24 / 14.88)}$	$.500 \pm .005$ $(12.70 \pm .13)$
5	$\frac{.500 / .488}{(12.70 / 12.40)}$	$.400 \pm .005$ $(10.16 \pm .13)$
4	$\frac{.400 / .388}{(10.16 / 9.86)}$	$.300 \pm .005$ $(7.62 \pm .13)$
3	$\frac{.300 / .288}{(7.62 / 7.32)}$	$.200 \pm .004$ $(5.08 \pm .10)$
2	$\frac{.200 / .188}{(5.08 / 4.78)}$	$.100 \pm .004$ $(2.54 \pm .10)$

A-7832- N * * * *

```

- VOID CODE
  BLANK=NO VOIDS
  NO.=CKT. NO. VOIDED
  MULT. VOIDS START WITH 51

```

NO. OF CKTS.

VERSION _____
LETTER CHANGES WHEN
PIN NO. OR PRESS
DIM. CHANGES

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.

$\frac{.100 \pm .002}{(2.54 \pm .05) \text{ TYP.}}$ $\rightarrow$
NON-ACCUM.

$\frac{.040 \pm .002}{(1.02 \pm .05)}$
DIA. HOLE TYP.

RECOMMENDED P.C. BOARD HOLE LAYOUT

ADD 46999-0651 EC NO: UCP2014-4750 DRWN:MKIPPER 2014/04/07 CHCKD:NGUYEN 2014/04/07 APPR:FSMITH 2014/08/06	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE ---	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION																
		 = 0  = 0  = 0	<table><tr><th></th><th>mm</th><th>INCH</th></tr><tr><td>4 PLACES ± ---</td><td>± ---</td><td>± ---</td></tr><tr><td>3 PLACES ± ---</td><td>± .010</td><td></td></tr><tr><td>2 PLACES ± 0.25</td><td>± .015</td><td></td></tr><tr><td>1 PLACE ± 0.36</td><td>± ---</td><td></td></tr><tr><td>0 PLACE ± ---</td><td>± ---</td><td></td></tr></table>		mm	INCH	4 PLACES ± ---	± ---	± ---	3 PLACES ± ---	± .010		2 PLACES ± 0.25	± .015		1 PLACE ± 0.36	± ---		0 PLACE ± ---	± ---		DRAWN BY DATE MKIPPER 2014/04/07 CHECKED BY DATE SAMIEC 98/10/09 APPROVED BY DATE FSMITH 2014/08/06 MATERIAL NO.	TITLE FRICTION LOCK HEADER ASY .100 CL. BENT SQ. PINS 7832 SERIES DWG. W/VOIDS molex DOCUMENT NO.		
			mm	INCH																					
		4 PLACES ± ---	± ---	± ---																					
		3 PLACES ± ---	± .010																						
2 PLACES ± 0.25	± .015																								
1 PLACE ± 0.36	± ---																								
0 PLACE ± ---	± ---																								
ANGULAR ±1/2°		SEE CHART			SDA-7832																				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			SHEET NO. 1 OF 3																				

	13	12	11	10	9	8	7	6	5	4	3	2	1						
J	ENG. NO.	PIN NO.	DIM. L	DIM. X	DIM. Z	DIM. Y	DIM. W	DIM. R	DIM. G	DIM. T				J					
	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									
I	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)				I					
	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)									
H														H					
G														G					
F														F					
E														E					
D														D					
C														C					
B							SEE SHEET 1 EC NO: UCP2014-4150 2014/04/07 DRWN:MKIPPER 2014/04/07 CHKD:ANGUYEN 2014/08/06 APPR:FSMITH 2014/08/06	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .015 1 PLACE ± 0.36 ± --- 0 PLACE ± --- ± ---		DIMENSION STYLE IN/MM DRAWN BY DATE MKIPPER 2014/04/07 CHECKED BY DATE SAMIEC 98/10/09 APPROVED BY DATE FSMITH 2014/08/06		SCALE --- DESIGN UNITS INCH	THIRD ANGLE PROJECTION TITLE FRICTION LOCK HEADER ASY .100 CL. BENT SQ. PINS 7832 SERIES DWG. W/VOIDS molex		MATERIAL NO. SEE CHART	DOCUMENT NO. SDA-7832	SHEET NO. 2 OF 3	B
A							U2	ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				A				
	12	11	10	9	8	7	6	5	4	3	2	1							

	13	12	11	10	9	8	7	6	5	4	3	2	1																	
J	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																											
	22-05-8068	A-7832-6A197-5	5																											
I	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																											
	22-05-8159	A-7832-15A197-14	14																											
	22-05-8128	A-7832-12A197-4	4																											
H	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																											
G	22-05-8087	A-7832-8A197-2	2																											
	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																											
F	46999-0581	A-7832-17A197-51	3,6,12,15																											
	46999-0651	A-7832-3A197-2	2																											
E																														
D																														
C																														
B	COLUMN NO. 1	CON'T. IN COLUMN NO.	SHEET NO.	COLUMN NO. 2	CON'T. IN COLUMN NO.	SHEET NO.	COLUMN NO. 3	CON'T. IN COLUMN NO.	SHEET NO.	COLUMN NO. 4	CON'T. IN COLUMN NO.	SHEET NO.																		
	SEE SHEET 1 EC NO: UCP2014-4150 DRWN:MKIPPER 2014/04/07 CHKD:NGUYEN 2014/04/07 APPR:FSMITH 2014/08/06 U2 REVDESCRIPTION QUALITY SYMBOLS ▽⇒0 ▽⇒0 ▽⇒0 GENERAL TOLERANCES (UNLESS SPECIFIED)<table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± .010</td></tr><tr><td>2 PLACES</td><td>± 0.25</td><td>± .015</td></tr><tr><td>1 PLACE</td><td>± 0.36</td><td>± ---</td></tr><tr><td>0 PLACE</td><td>± ---</td><td>± ---</td></tr></table> DIMENSION STYLE IN/MM DRAWN BY DATE MKIPPER 2014/04/07 CHECKED BY DATE SAMIEC 98/10/09 APPROVED BY DATE FSMITH 2014/08/06 MATERIAL NO. SCALE --- DESIGN UNITS INCH THIRD ANGLE PROJECTION TITLE FRICITION LOCK HEADER ASY .100 CL. BENT SQ. PINS 7832 SERIES DWG. W/VOIDS molex DOCUMENT NO. SDA-7832 SHEET NO. 3 OF 3 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± .010	2 PLACES	± 0.25	± .015	1 PLACE	± 0.36	± ---	0 PLACE	± ---	± ---
		mm	INCH																											
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