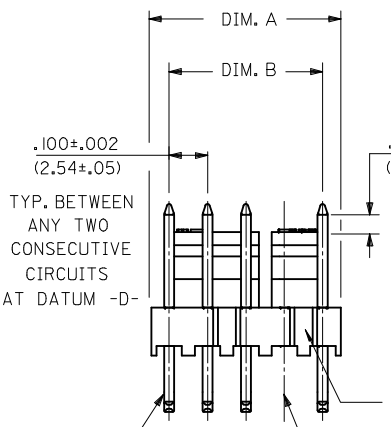
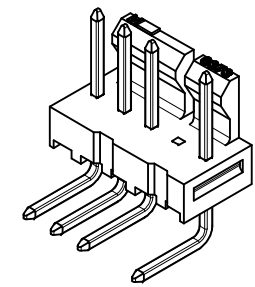


NOTES:

- MATERIAL: NYLON, UL94V-0, COLOR: WHITE
- 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.
- PARTS CONFORM TO PRODUCT SPECIFICATION PS-10-07.
- PACKAGING INFORMATION: SEE LEGEND.
- PARTS ARE STACKABLE END TO END ON .100/(2.54) CENTERS.
- PIN PUSH OUT FORCE: 2 LBS. MIN.
- CIRCUIT ONE DESIGNATION IS USED TO DEFINE VOID LOCATION. CIRCUIT ONE MAY OR MAY NOT LINE UP WITH CIRCUIT ONE ON THE MATING HOUSING.
- PARTS CONFORM TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

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

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



.100±.002 (2.54±.05)  
TYP. BETWEEN ANY TWO CONSECUTIVE CIRCUITS AT DATUM -D-

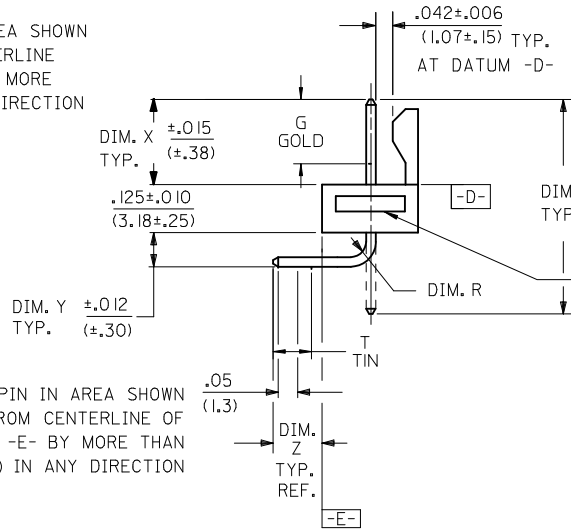
.05 (1.3)  
CENTERLINE OF PIN IN AREA SHOWN NOT TO VARY FROM CENTERLINE OF PIN AT DATUM -D- BY MORE THAN .008/(0.20) IN ANY DIRECTION

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

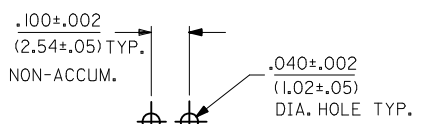
VOIDED CKT. (SEE CHART FOR LOCATION)

CIRCUIT #1, REF SEE NOTE 7

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



GROOVE MAY BE PRESENT ON 2-6 CIRCUIT PARTS (BOTH SIDES).



RECOMMENDED P.C. BOARD HOLE LAYOUT

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.

ADD 46999-0651	DRWN:MKIPPER 2014/04/07	QUALITY SYMBOLS
EC NO: UCP2014-4150	CHKD:NGUYEN 2014/04/07	▽=0
APPR:FSMITH 2014/08/06	APPR:FSMITH 2014/08/06	▽=0
REV U2	REV	▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)	
4 PLACES ± ---	± ---
3 PLACES ± ---	± .010
2 PLACES ± 0.25	± .015
1 PLACE ± 0.36	± ---
0 PLACE ± ---	± ---
ANGULAR ±1/2°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

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.	
SEE CHART	

SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
TITLE		
FRICTION LOCK HEADER ASY .100 CL. BENT SQ. PINS 7832 SERIES DWG. W/VOIDS		
<b>molex</b>		
MATERIAL NO.	DOCUMENT NO.	SHEET NO.
SEE CHART	SDA-7832	1 OF 3
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		



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									
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									
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									
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									
46999-0581	A-7832-17A197-51	3,6,12,15									
46999-0651	A-7832-3A197-2	2									

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.
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SEE SHEET 1 EC NO: UCP2014-4150 DRAWN:MKIPPER 2014/04/07 CHKD:NGUYEN 2014/04/07 APPR:FSMITH 2014/08/06	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	IN/MM	---	INCH	
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE		
	▽=0	3 PLACES ± --- ±.010	2014/04/07	FRICITION LOCK HEADER ASY		
	2 PLACES ±0.25 ±.015	CHECKED BY DATE	.100 CL. BENT SQ. PINS			
	1 PLACE ±0.36 ± ---	SAMIEC 98/10/09	7832 SERIES DWG. W/VOIDS			
	0 PLACE ± --- ± ---	APPROVED BY DATE	<b>molex</b>			
		FSMITH 2014/08/06	MATERIAL NO.	DOCUMENT NO.	SHEET NO.	
			SEE CHART	SDA-7832	3 OF 3	
			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			