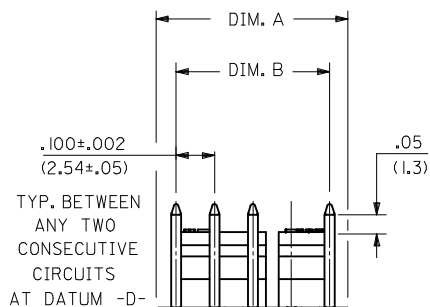


$$\frac{.250 \pm .010}{(6.35 \pm .25)}$$

NOTES:

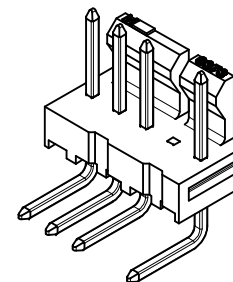
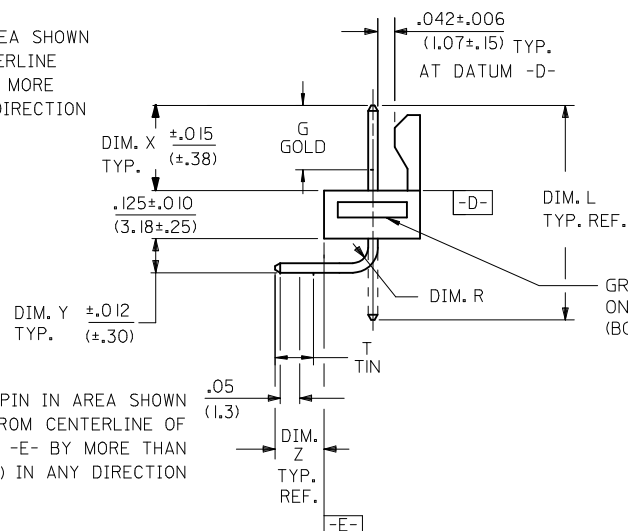
1. MATERIAL: NYLON, UL94V-0, COLOR: WHITE
2. FINISH:
 - (197) OVERALL REFLOWED MATTE TIN: 0.00152/.000060 MIN.
OVER 0.00127/.000050 MIN. NICKEL OVERALL.
 - (228) SELECT GOLD: 0.00076/.000030 MIN.
SELECT TIN: 0.00254/.000100 MIN.
OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.
 - (241) SELECT GOLD: 0.00051/.000020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



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

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

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

RECOMMENDED P.C. BOARD HOLE LAYOUT

	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 EC NO: UCP2014-4750 DRWN:MKIPPER 2014/04/07 CHKD:NGUYEN 2014/04/07 APPR:FSMITH 2014/08/06	DESCRIPTION U2	QUALITY SYMBOLS F=0 F=0 F=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY MKIPPER	DATE 2014/04/07	TITLE FRICTION LOCK HEADER ASY .100 CL. BENT SQ. PINS 7832 SERIES DWG. W/VOIDS molex	DOCUMENT NO. SDA-7832	SHEET NO. 1 OF 3
			4 PLACES	± ---	± ---	CHECKED BY SAMIEC	DATE 98/10/09			
			3 PLACES	± ---	± .010	APPROVED BY	DATE			
			2 PLACES	± 0.25	± .015	FSMITH	2014/08/06			
1 PLACE	± 0.36	± ---	MATERIAL NO. SEE CHART							
0 PLACE	± ---	± ---	ANGULAR ±1/2°							
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							
REV										

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

	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					
I	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)					
H														H	
G														G	
F														F	
E														E	
D														D	
C														C	
B							QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	B
								4 PLACES ± --- ± ---		DRAWN BY DATE MKIPPER 2014/04/07		TITLE FRICITION LOCK HEADER ASY .100 CL. BENT SQ. PINS 7832 SERIES DWG. W/VOIDS			
								3 PLACES ± --- ± .010		CHECKED BY DATE SAMIEC 98/10/09					
								2 PLACES ± 0.25 ± .015		APPROVED BY DATE FSMITH 2014/08/06		DOCUMENT NO. SDA-7832 SHEET NO. 2 OF 3			
								1 PLACE ± 0.36 ± ---							
A								0 PLACE ± --- ± ---		MATERIAL NO.					
							ANGULAR ±1/2°		SEE CHART						
							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				
	tb_frame_C_P_AM_T Rev. G 2012/01/11	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																																																																				
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