

J I H G F E D C B A

28	2.700 ± .010 (68.58 ± .25)	2.800 / 2.780 (71.12 / 70.61)	12, 14
27	2.600 ± .010 (66.04 ± .25)	2.700 / 2.680 (68.58 / 68.07)	12, 14
26	2.500 ± .010 (63.50 ± .25)	2.500 / 2.580 (66.04 / 65.53)	11, 13
25	2.400 ± .010 (60.96 ± .25)	2.500 / 2.480 (63.50 / 62.99)	11, 13
24	2.300 ± .010 (58.42 ± .25)	2.400 / 2.380 (60.96 / 60.45)	10, 12
23	2.200 ± .009 (55.88 ± .23)	2.300 / 2.282 (58.42 / 57.96)	10, 12
22	2.100 ± .009 (53.34 ± .23)	2.200 / 2.182 (55.88 / 55.42)	9, 11
21	2.000 ± .009 (50.80 ± .23)	2.100 / 2.082 (53.34 / 52.88)	9, 11
20	1.900 ± .009 (48.26 ± .23)	2.000 / 1.982 (50.80 / 50.34)	8, 10
19	1.800 ± .009 (45.72 ± .23)	1.900 / 1.882 (48.26 / 47.80)	8, 10
18	1.700 ± .008 (43.18 ± .20)	1.800 / 1.784 (45.72 / 45.31)	7, 9
17	1.600 ± .008 (40.64 ± .20)	1.700 / 1.684 (43.18 / 42.77)	7, 9
16	1.500 ± .008 (38.10 ± .20)	1.600 / 1.584 (40.64 / 40.23)	6, 8
15	1.400 ± .008 (35.56 ± .20)	1.500 / 1.484 (38.10 / 37.69)	6, 8
14	1.300 ± .007 (33.02 ± .18)	1.400 / 1.386 (35.56 / 35.20)	5, 7
13	1.200 ± .007 (30.48 ± .18)	1.300 / 1.286 (33.02 / 32.66)	5, 7
12	1.100 ± .007 (27.94 ± .18)	1.200 / 1.186 (30.48 / 30.12)	4, 6
11	1.000 ± .007 (25.40 ± .18)	1.100 / 1.086 (27.94 / 27.58)	4, 6
10	.900 ± .006 (22.86 ± .15)	1.000 / .986 (25.40 / 25.04)	3, 5
9	.800 ± .006 (20.32 ± .15)	.900 / .886 (22.86 / 22.50)	3, 5
8	.700 ± .006 (17.78 ± .15)	.800 / .786 (20.32 / 19.96)	2, 4
7	.600 ± .005 (15.24 ± .13)	.700 / .686 (17.78 / 17.42)	2, 4
6	.500 ± .005 (12.70 ± .13)	.600 / .586 (15.24 / 14.88)	1, 3
5	.400 ± .005 (10.16 ± .13)	.500 / .488 (12.70 / 12.40)	1, 3
4	.300 ± .005 (7.62 ± .13)	.400 / .388 (10.16 / 9.86)	1, 2
3	.200 ± .004 (5.08 ± .10)	.300 / .288 (7.62 / 7.32)	1, 2
2	.100 ± .004 (2.54 ± .10)	.200 / .188 (5.08 / 4.78)	1, 2
NO. OF CKTS.	DIM. A	DIM. B	KINK PIN NO. S.

FRICITION LOCK HEADER ASS'Y  
 (2.54)/.100 BENT SO. PINS  
 7832 SERIES DWG. W/VOIDS

MOLEX INCORPORATED  
 1 OF 3

DATE: 02/26/90

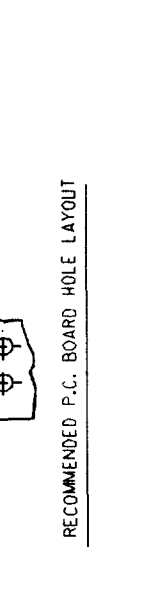
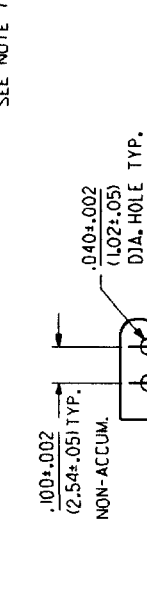
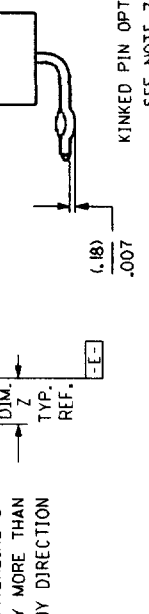
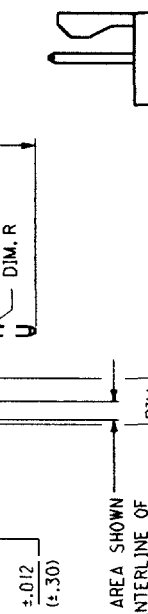
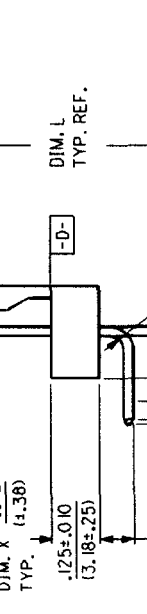
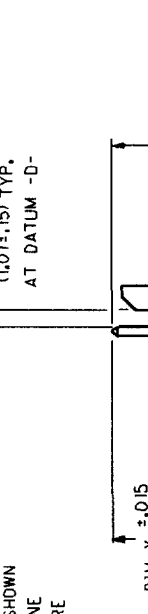
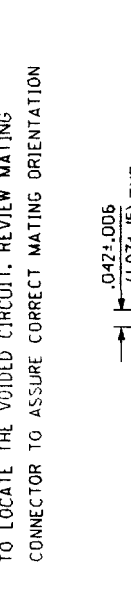
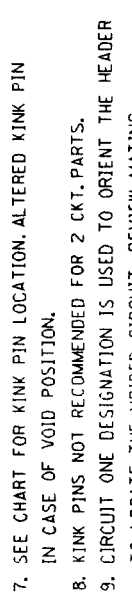
REV. 1 R  
 2 MI  
 3 PS

MOLEX INCORPORATED  
 5783241

SEE CHART  
 DIM. A DIM. B

REVISIONS ONLY ON CAD SYSTEM

- NOTES:
- MATERIAL: NYLON 6/6. 94V-0.
  - PARTS ARE STACKABLE END TO END ON (2.54)/.100 CENTERS.
  - PIN PUSH OUT FORCE: 2 LBS. MIN.
  - PARTS TO BE FLAT WITHIN .005 MM/MM OR .005 IN/IN.
  - PARTS CONFORM TO PRODUCT SPEC. 10-07.
  - SAME AS 7478 EXCEPT VOID OPTION.
  - SEE CHART FOR KINK PIN LOCATION, ALTERED KINK PIN IN CASE OF VOID POSITION.
  - KINK PINS NOT RECOMMENDED FOR 2 CKT. PARTS.
  - CIRCUIT ONE DESIGNATION IS USED TO ORIENT THE HEADER TO LOCATE THE VOIDED CIRCUIT. REVIEW MATING CONNECTOR TO ASSURE CORRECT MATING ORIENTATION



RECOMMENDED P.C. BOARD HOLE LAYOUT

REVISIONS	LTR.	REVISIONS

ADDCKT 1 NOTE  
 UCR1999-0263  
 98-10-19 SAMJEC

A/R 14A102-51  
 ECR US 1450  
 5-20-98-808B/EJUS

15° MAX. ROTATION IN EITHER DIRECTION

DETAIL C

.012 MAX. TYP. (.30) (EITHER DIRECTION)

.250 ± .010 (6.35 ± .25)

SEE DETAIL C

DIM. B

DIM. A

.100 ± .002 (2.54 ± .05)

TYP. BETWEEN ANY TWO CONSECUTIVE CIRCUITS AT DATUM -D-

VOIDED CKT. (SEE CHART FOR LOCATION)

CT. NO. 1 REF.

DIM. X ± .015 (1.38)

DIM. Y ± .012 (1.30)

DIM. L TYP. REF.

DIM. R

.042 ± .006 (1.07 ± .15) TYP. AT DATUM -D-

CENTERLINE OF PIN IN AREA SHOWN NOT TO VARY FROM CENTERLINE OF PIN AT DATUM -D- BY MORE THAN .008 IN ANY DIRECTION

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

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

A-7832-\*\*\*\*\*

HEADER NO. BLANK=6373-N

NO. OF CKTS.

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

SECONDARY OPERATIONS

CODE	PACKAGE	KINKED PIN	TUBE LENGTH
BLANK	BULK	NO	N/A
A	PK-40873-0007	NO	25°
B	BULK	ES-42003	N/A
C	PK-40873-0007	ES-42003	25°

PLATING CODE  
 (02) ELECTRO TIN .000450/.000200 OVER .000200/.000100 COPPER.  
 (50) GOLD .000030/.000020 OVER .000080/.000030 NICKEL.

FOR ADDITIONAL INFORMATION SEE



A-7832-NA102-*				A-7832-NB102-*				A-7832-NA501-*				A-7832-NA503-*			
COLUMN NO. 1	CONT. IN COLUMN NO.	SHEET NO.	COLUMN NO. 2	CONT. IN COLUMN NO.	SHEET NO.	COLUMN NO. 3	CONT. IN COLUMN NO.	SHEET NO.	COLUMN NO. 4	CONT. IN COLUMN NO.	SHEET NO.	COLUMN NO. 5	CONT. IN COLUMN NO.	SHEET NO.	
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.	PART NO.	ENG. NO(SUFFIX ONLY)	VOID CKT.	
22-05-8059	A-7832-5A102-2	2	22-05-8109	A-7832-10B102-6	6	22-19-2070	A-7832-7A501-6	6	22-19-2098	A-7832-9A503-3	3				
22-05-8099	A-7832-19A102-14	14	22-05-8078	A-7832-7B102-4	4	22-19-2060	A-7832-6A501-3	3	22-19-2099	A-7832-9A503-4	4				
22-05-8069	A-7832-6A102-2	2				22-19-2090	A-7832-9A501-6	6	22-19-2048	A-7832-4A503-3	3				
22-05-8076	A-7832-7A102-4	4													
22-05-8077	A-7832-7A102-5	5													
22-05-8068	A-7832-6A102-5	5													
22-05-8047	A-7832-4A102-2	2													
22-05-8079	A-7832-7A102-3	3													
22-05-8116	A-7832-11A102-6	6													
	A-7832-5A102-4	4													
	A-7832-25A102-1	1													
22-05-8253	A-7832-12A102-10	10													
22-05-8129	A-7832-15A102-14	14													
22-05-8169	A-7832-12A102-4	4													
22-05-8128	A-7832-4A102-3	3													
22-05-8049	A-7832-8A102-3	3													
22-05-8086	A-7832-11A102-5	1,5,9													
22-05-8113	A-7832-16A102-5	1,8													
22-05-8162	A-7832-8A102-2	2													
22-05-8087	A-7832-8A102-6	6													
22-05-8088	A-7832-8A102-7	7													
22-05-8089	A-7832-10A102-2	2													
22-05-8104	A-7832-10A102-9	9													
22-05-8105	A-7832-8A102-3	3													
22-05-8084	A-7832-27A102-5	3,7,9,11,14													
22-05-3277		16,21,23													
22-05-8143	A-7832-14A102-5	2,3,5,6													

7832

TITLE: **FRICITION LOCK HEADER ASSY**  
 12.5417.100E BENT SO. PINS  
 7832 SERIES DWG. W/VOIDS  
 DATE: 02/26/90  
 PART NO. 7832-NA503-3  
 SHEET NO. 3  
 MOLEX INCORPORATED  
 SEE CHART SDA-7832  
 FILE NAME: S7832X3  
 DATE: 04/04/01  
 DRAWN BY: KKK  
 CHECKED BY: KKK  
 APPROVED BY: KKK

REVISIONS	DATE	BY	DESCRIPTION
P1			SEE SHEET 1
N1			SEE SHEET 1
M1			SEE SHEET 1
M7			SEE SHEET 1
M6			SEE SHEET 1
M5			SEE SHEET 1
M4			SEE SHEET 1
LTR.			REVISIONS

REVISIONS	DATE	BY	DESCRIPTION
P5			SEE SHEET 1
P4			SEE SHEET 1
P3			SEE SHEET 1
P2			SEE SHEET 1
LTR.			REVISIONS