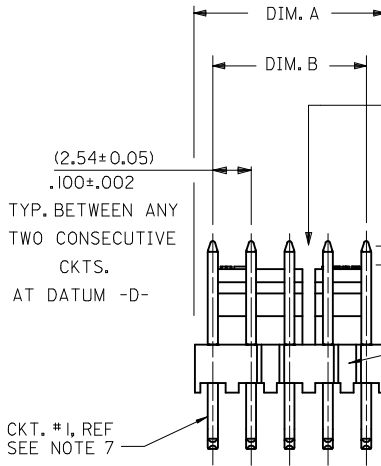
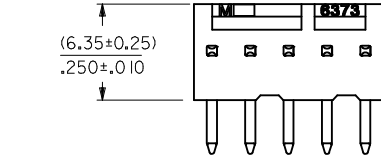


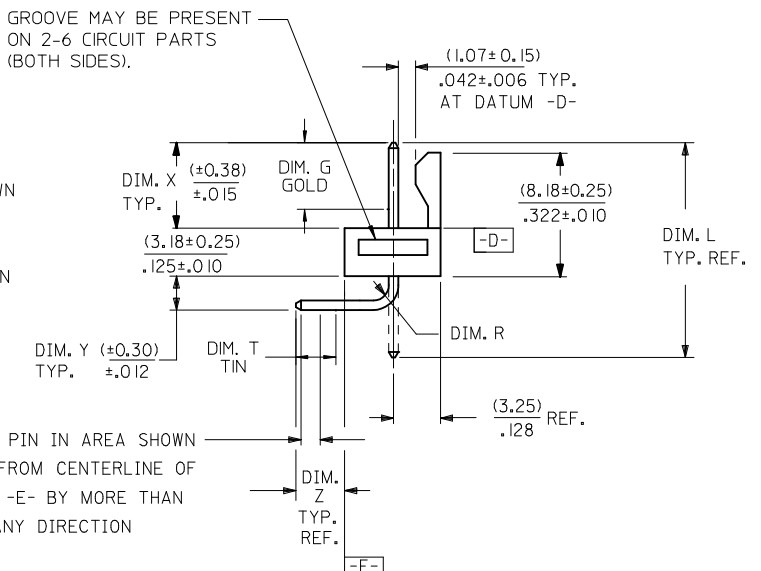
	13	12	11	10	9	8	7	6	5	4	3	2	1
28	(71.12 / 70.61) 2.800 / 2.780	(68.58 ± 0.25) 2.700 ± .010	4 , 5 24 , 25										
27	(68.58 / 68.07) 2.700 / 2.680	(66.04 ± 0.25) 2.600 ± .010	4 , 5 24 , 25										
26	(66.04 / 65.53) 2.600 / 2.580	(63.50 ± 0.25) 2.500 ± .010	4 , 5 20 , 21										
25	(63.50 / 62.99) 2.500 / 2.480	(60.96 ± 0.25) 2.400 ± .010	4 , 5 20 , 21										
24	(60.96 / 60.45) 2.400 / 2.380	(58.42 ± 0.25) 2.300 ± .010	4 , 5 20 , 21										
23	(58.42 / 57.96) 2.300 / 2.282	(55.88 ± 0.23) 2.200 ± .009	4 , 5 20 , 21										
22	(55.88 / 55.42) 2.200 / 2.182	(53.34 ± 0.23) 2.100 ± .009	4 , 5 16 , 17										
21	(53.34 / 52.88) 2.100 / 2.082	(50.80 ± 0.23) 2.000 ± .009	4 , 5 16 , 17										
20	(50.80 / 50.34) 2.000 / 1.982	(48.26 ± 0.23) 1.900 ± .009	4 , 5 16 , 17										
19	(48.26 / 47.80) 1.900 / 1.882	(45.72 ± 0.23) 1.800 ± .009	4 , 5 16 , 17										
18	(45.72 / 45.31) 1.800 / 1.784	(43.18 ± 0.20) 1.700 ± .008	4 , 5 12 , 13										
17	(43.18 / 42.77) 1.700 / 1.684	(40.64 ± 0.20) 1.600 ± .008	4 , 5 12 , 13										
16	(40.64 / 40.23) 1.600 / 1.584	(38.10 ± 0.20) 1.500 ± .008	4 , 5 12 , 13										
15	(38.10 / 37.69) 1.500 / 1.484	(35.56 ± 0.20) 1.400 ± .008	4 , 5 12 , 13										
14	(35.56 / 35.20) 1.400 / 1.386	(33.02 ± 0.18) 1.300 ± .007	4 , 5 8 , 9										
13	(33.02 / 32.66) 1.300 / 1.286	(30.48 ± 0.18) 1.200 ± .007	4 , 5 8 , 9										
12	(30.48 / 30.12) 1.200 / 1.186	(27.94 ± 0.18) 1.100 ± .007	4 , 5 8 , 9										
11	(27.94 / 27.58) 1.100 / 1.086	(25.40 ± 0.18) 1.000 ± .007	4 , 5 8 , 9										
10	(25.40 / 25.04) 1.000 / .986	(22.86 ± 0.15) .900 ± .006	4 , 5										
9	(22.86 / 22.50) .900 / .886	(20.32 ± 0.15) .800 ± .006	4 , 5										
8	(20.32 / 19.96) .800 / .786	(17.78 ± 0.15) .700 ± .006	4 , 5										
7	(17.78 / 17.42) .700 / .686	(15.24 ± 0.13) .600 ± .005	4 , 5										
6	(15.24 / 14.88) .600 / .586	(12.70 ± 0.13) .500 ± .005	4 , 5										
5	(12.70 / 12.40) .500 / .488	(10.16 ± 0.13) .400 ± .005	NONE										
4	(10.16 / 9.86) .400 / .388	(7.62 ± 0.13) .300 ± .005	NONE										
3	(7.62 / 7.32) .300 / .288	(5.08 ± 0.10) .200 ± .004	NONE										
2	(5.08 / 4.78) .200 / .188	(2.54 ± 0.05) .100 ± .002	NONE										



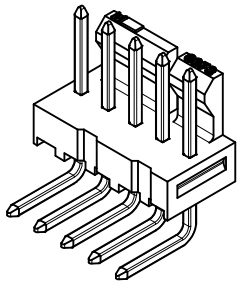
NOTES:

- MATERIAL: NYLON, UL94V-0, COLOR: WHITE
- FINISH:  
 (154) = OVERALL TIN: (0.00254)/.000100 MIN., OVERALL NICKEL UNDERPLATE: (0.00127)/.000050 MIN.  
 (197) = OVERALL REFLOWED MATTE TIN: 0.00152/.000060 MIN OVER 0.00127/.000050 MIN NICKEL.  
 (208) = SELECT GOLD: 0.00038/.000015 MIN, SELECT MATTE TIN: 0.00254/.000100, BOTH OVER 0.00127/.000050 MIN NICKEL.  
 (228) = SELECT GOLD: 0.00076/.000030 MIN, SELECT MATTE TIN: 0.00254/.000100, BOTH OVER 0.00127/.000050 MIN NICKEL.  
 (241) = SELECT GOLD: 0.00051/.000020 MIN, SELECT MATTE TIN: 0.00254/.000100, BOTH OVER 0.00127/.000050 MIN NICKEL.
- PARTS CONFORM TO PRODUCT SPECIFICATION PS-10-07.
- PACKAGING INFORMATION: SEE LEGEND.
- PARTS ARE STACKABLE END TO END ON (2.54)/.100 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.
- THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

# 25-06790



SECONDARY OPERATIONS	
CODE	PACKAGE
BLANK	BULK PK-7478-001
T	TUBE PER PK-44743-001



RECOMMENDED P.C. BOARD HOLE LAYOUT

NO. OF CKTS. → A-7478-N\*\*\*

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

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

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

CTKT. #1, REF SEE NOTE 7

NO. OF CKTS.	DIM. A	DIM. B	SLOTS LOC.
7			AA
6			AA
5			AA
4			AA
3			AA
2			AA
1			AA
SHT			REV

ADD GATE, CHG PLTG EC NO: UCP2012-1821 DRAWN: MASTROH CHKD: KIPPER APPR: FSMITH	2011/12/07 2012/01/03 2012/02/02	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
				mm	INCH	MM/IN	4:1	INCH	☉	
DRAWN BY				DATE		TITLE		FRICITION LOCK HEADER ASY		
CHECKED BY				DATE		DRAWN BY		DATE		TITLE
APPROVED BY				DATE		CHECKED BY		DATE		TITLE
MATERIAL NO.				DATE		APPROVED BY		DATE		TITLE
SEE CHART				DATE		APPROVED BY		DATE		TITLE
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DATE		APPROVED BY		DATE		TITLE
SHEET NO.				DATE		APPROVED BY		DATE		TITLE
1 OF 7				DATE		APPROVED BY		DATE		TITLE
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				DATE		APPROVED BY		DATE		TITLE

	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			
	A-7478-NA222	2766-41(222) OR 4266-0667	(18.80) .740	(6.71) .264	(3.58) .141	(3.05) .120	90°	(1.17) .046	N/A	OVERALL			
	A-7478-NA241	4266-0666	(18.80) .740	(6.71) .264	(3.58) .141	(3.05) .120	90°	(1.17) .046	(4.57) .180	(3.43) .135			
I	A-7478-NA241T	4266-0666	(18.80) .740	(6.71) .264	(3.58) .141	(3.05) .120	90°	(1.17) .046	(4.57) .180	(3.43) .135			
	A-7478-NA197T	4266-0662	(18.80) .740	(6.71) .264	(3.58) .141	(3.05) .120	90°	(1.17) .046	N/A	OVERALL			
H													
G													
F													
E													
D													
C													

A	CHANGE PLATING EC NO: UCP2012-1821 DRAWN: M. STROH 2011/12/09 CHKD: K. IPPER 2012/01/03 APPR: F. SMITH 2012/02/02	QUALITY SYMBOLS = 0 = 0 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± .005</td> <td>± .0008</td> </tr> <tr> <td>3 PLACES</td> <td>± .005</td> <td>± .0008</td> </tr> <tr> <td>2 PLACES</td> <td>± .005</td> <td>± .0008</td> </tr> <tr> <td>1 PLACE</td> <td>± .005</td> <td>± .0008</td> </tr> </table>		mm	INCH	4 PLACES	± .005	± .0008	3 PLACES	± .005	± .0008	2 PLACES	± .005	± .0008	1 PLACE	± .005	± .0008	DIMENSION STYLE <b>MM/IN</b> DRAWN BY: GUZIK DATE: 1987/07/10 CHECKED BY: PATEL DATE: 1987/07/10 APPROVED BY: LENZ DATE: 1987/07/10	SCALE --- DESIGN UNITS INCH THIRD ANGLE PROJECTION	TITLE <b>FRICTION LOCK HEADER ASY .100 CL BENT SQ PINS 7478 SERIES DWG</b> MOLEX INCORPORATED	MATERIAL NO. <b>SEE CHART</b> SIZE 	DOCUMENT NO. <b>SDA-7478</b> SHEET NO. <b>2 OF 7</b>
					mm	INCH																	
				4 PLACES	± .005	± .0008																	
				3 PLACES	± .005	± .0008																	
2 PLACES	± .005	± .0008																					
1 PLACE	± .005	± .0008																					
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																						

	13	12	11	10	9	8	7	6	5	4	3	2	1	
	A-7478-NA222		A-7478-NA241		A-7478-NA241T		A-7478-NA197T							
J	PART NO.	ENG. NO.	PART NO.	ENG. NO.	PART NO.	ENG. NO.	PART NO.	ENG. NO.	PART NO.	ENG. NO.	PART NO.	ENG. NO.	PART NO.	ENG. NO.
	22-05-302I	A-7478-2A222	22-12-2024	A-7478-2A241	50-29-1710	A-7478-2A241T	50-34-8500	A-7478-2A197T						
	22-05-303I	A-7478-3A222	22-12-2034	A-7478-3A241	50-29-1711	A-7478-3A241T	50-34-8501	A-7478-3A197T						
	22-05-304I	A-7478-4A222	22-12-2044	A-7478-4A241	50-29-1705	A-7478-4A241T	50-34-8502	A-7478-4A197T						
I	22-05-305I	A-7478-5A222	22-12-2054	A-7478-5A241	50-29-1712	A-7478-5A241T								
	22-05-306I	A-7478-6A222	22-12-2064	A-7478-6A241	50-29-1713	A-7478-6A241T								
	22-05-307I	A-7478-7A222	22-12-2074	A-7478-7A241	50-29-1714	A-7478-7A241T								
	22-05-308I	A-7478-8A222	22-12-2084	A-7478-8A241	50-29-1715	A-7478-8A241T								
	22-05-309I	A-7478-9A222	22-12-2094	A-7478-9A241	50-29-1716	A-7478-9A241T								
H	22-05-310I	A-7478-10A222	22-12-2104	A-7478-10A241	50-29-1717	A-7478-10A241T								
	22-05-311I	A-7478-11A222	22-12-2114	A-7478-11A241	50-29-1718	A-7478-11A241T								
	22-05-312I	A-7478-12A222	22-12-2124	A-7478-12A241	50-29-1719	A-7478-12A241T								
	22-05-313I	A-7478-13A222	22-12-2134	A-7478-13A241	50-29-1720	A-7478-13A241T								
	22-05-314I	A-7478-14A222	22-12-2144	A-7478-14A241	50-29-1721	A-7478-14A241T								
G	22-05-315I	A-7478-15A222	22-12-2154	A-7478-15A241	50-29-1722	A-7478-15A241T								
	22-05-316I	A-7478-16A222	22-12-2164	A-7478-16A241	50-29-1723	A-7478-16A241T								
	22-05-317I	A-7478-17A222	22-12-2174	A-7478-17A241	50-29-1724	A-7478-17A241T								
	22-05-318I	A-7478-18A222	22-12-2184	A-7478-18A241	50-29-1725	A-7478-18A241T								
	22-05-319I	A-7478-19A222	22-12-2194	A-7478-19A241	50-29-1726	A-7478-19A241T								
	22-05-320I	A-7478-20A222	22-12-2204	A-7478-20A241	50-29-1727	A-7478-20A241T								
F	22-05-321I	A-7478-21A222	22-12-2214	A-7478-21A241	50-29-1728	A-7478-21A241T								
	22-05-322I	A-7478-22A222	22-12-2224	A-7478-22A241	50-29-1729	A-7478-22A241T								
	22-05-323I	A-7478-23A222	22-12-2234	A-7478-23A241	50-29-1730	A-7478-23A241T								
	22-05-324I	A-7478-24A222	22-12-2244	A-7478-24A241	50-29-1731	A-7478-24A241T								
	22-05-325I	A-7478-25A222	22-12-2254	A-7478-25A241	50-29-1732	A-7478-25A241T								
	22-05-326I	A-7478-26A222	22-12-2264	A-7478-26A241	50-29-1733	A-7478-26A241T								
E	22-05-327I	A-7478-27A222	22-12-2274	A-7478-27A241	50-29-1734	A-7478-27A241T								
	22-05-328I	A-7478-28A222	22-12-2284	A-7478-28A241	50-29-1735	A-7478-28A241T								

<b>CHANGE PLATING</b> EC NO: UCP2012-1821 DRW:MMSTROH 2011/12/09 CHKD:MKIPPER 2012/01/03 APPR:FSMLTH 2012/02/02	QUALITY SYMBOLS   	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>MM/IN</b>	SCALE ---	DESIGN UNITS <b>INCH</b>	THIRD ANGLE PROJECTION
		4 PLACES ± --- INCH 3 PLACES ± --- INCH 2 PLACES ± --- INCH 1 PLACE ± --- INCH	4 PLACES ± --- mm 3 PLACES ± --- mm 2 PLACES ± --- mm 1 PLACE ± --- mm	DRAWN BY GUZIK	DATE 1987/07/10	TITLE <b>FRICITION LOCK HEADER ASY          .100 CL BENT SQ PINS          7478 SERIES DWG.</b>	
		APPROVED BY LENZ		DATE 1987/07/10	<b>MOLEX INCORPORATED</b>		
		MATERIAL NO. <b>SEE CHART</b>		DOCUMENT NO. <b>SDA-7478</b>	SHEET NO. <b>3 OF 7</b>		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SIZE THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION