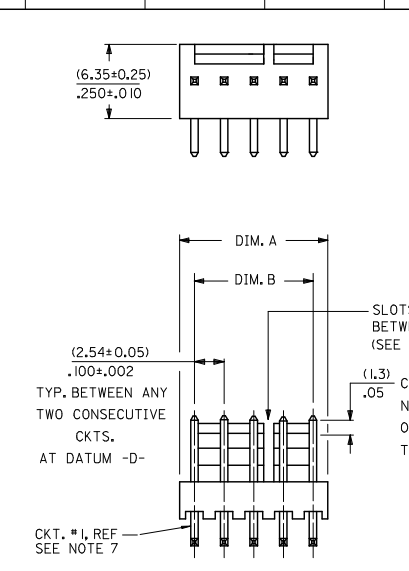
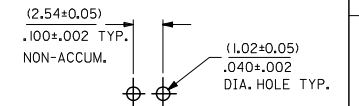
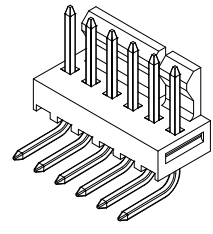
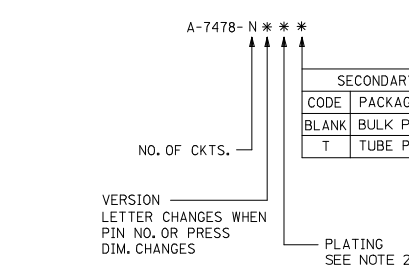
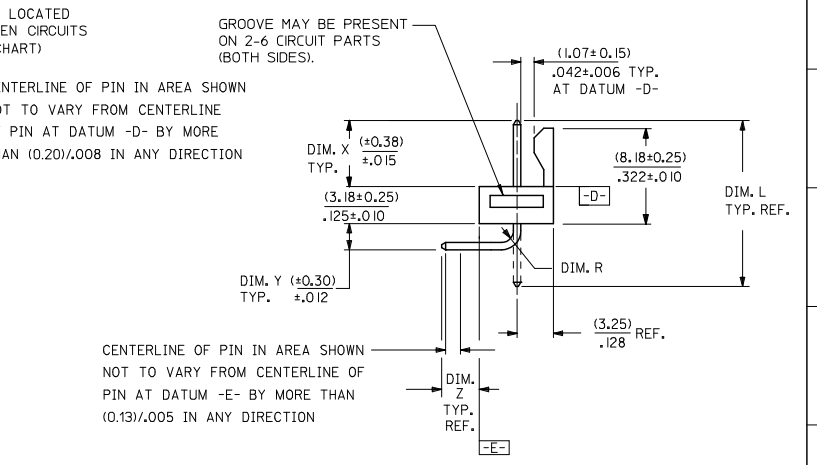


	13	12	11	10	9	8	7	6	5	4	3	2	1
J	28	(71.12 / 70.61) 2.800 / 2.780 (68.58 / 68.07) 2.700 / 2.680	(68.58 ± 0.25) 2.700 ± .010 (66.04 ± 0.25) 2.600 ± .010	4 , 5 24 , 25 4 , 5 24 , 25									
I	27	(66.04 / 65.53) 2.600 / 2.580 (63.50 / 62.99) 2.500 / 2.480	(63.50 ± 0.25) 2.500 ± .010 (60.96 ± 0.25) 2.400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



NOTES:

1. MATERIAL: NYLON, UL94V-0, COLOR: WHITE
2. FINISH:
 - (102) - OVERALL TIN: (0.00508)/.000200 MIN., OVERALL COPPER UNDERPLATE: (0.00254)/.000100 MIN.
 - (154) - OVERALL TIN: (0.00254)/.000100 MIN., OVERALL NICKEL UNDERPLATE: (0.00127)/.000050 MIN.
 - (501) - OVERALL GOLD: (0.00051)/.000020 MIN., OVERALL NICKEL UNDERPLATE: (0.00076)/.000030 MIN.
 - (503) - OVERALL GOLD: (0.00076)/.000030 MIN., OVERALL NICKEL UNDERPLATE: (0.00127)/.000050 MIN.
 - (531) - OVERALL GOLD: (0.00038)/.000015 MIN., OVERALL NICKEL UNDERPLATE: (0.00076)/.000030 MIN.
3. PARTS CONFORM TO PRODUCT SPECIFICATION PS-10-07.
4. PACKAGING INFORMATION: SEE LEGEND.
5. PARTS ARE STACKABLE END TO END ON (2.54)/.100 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. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.



NO. OF CKTS.	DIM. A	DIM. B	SLOTS LOC.
7	Y4		
6	W1		
5	Y8		
4	Y7		
3	Y9		
2	Y9		
1	Z		

REV	DESCRIPTION
1	ADD GROOVE
2	DRW/CHK UPPER
3	CHK/DSS/USEK
4	APPROVE/SMITH

GENERAL TOLERANCES (UNLESS SPECIFIED)	
4 PLACES	±.005
3 PLACES	±.010
2 PLACES	±.025
1 PLACE	±.038
ANGULAR ±1/2°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
DIMENSION STYLE	
MM/IN	
DRAWN BY GUZ1C DATE 1987/07/30	
CHECKED BY PATEL DATE 1987/07/30	
APPROVED BY LENZ DATE 1987/07/30	
MATERIAL NO. SEE CHART	
DOCUMENT NO. SDA-7478	
TITLE: FRICTION LOCK HEADER ASY .100 CL BENT SQ PINS 7478 SERIES DWG	
MOLEX INCORPORATED	
SHEET NO. 1 OF 7	

		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								ENG. NO.	PIN NO.	DIM. L	DIM. X	DIM. Z	DIM. Y	DIM. W	DIM. T	J																																																																								
	A	A-7478-NA I02	2766-4 (I02)	(18.69) .736	(6.60) .260	(3.58) .141	(3.05) .120	90°	(1.17) .046																																																																																							
I	A-7478-NA50 I	2766-4 (K50 I)	(18.69) .736	(6.60) .260	(3.58) .141	(3.05) .120	90°	(1.17) .046																																																																																								
I	A-7478-NA50 IT	2766-4 (K50 I)	(18.69) .736	(6.60) .260	(3.58) .141	(3.05) .120	90°	(1.17) .046																																																																																								
I	A-7478-NA I02T	2766-4 (I02)	(18.69) .736	(6.60) .260	(3.58) .141	(3.05) .120	90°	(1.17) .046																																																																																								
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B	<table border="1"> <tr> <td rowspan="2">REV</td> <td>ADD A-7478-NA I02T</td> <td>QUALITY SYMBOLS</td> <td>GENERAL TOLERANCES (UNLESS SPECIFIED)</td> <td>DIMENSION STYLE</td> <td>SCALE</td> <td>DESIGN UNITS</td> <td>THIRD ANGLE PROJECTION</td> </tr> <tr> <td>SEC NO: UCP2006-1815</td> <td>▽=0</td> <td>mm INCH</td> <td>IN/MM</td> <td>---</td> <td>INCH</td> <td></td> </tr> <tr> <td>Y0</td> <td>DRW:WADERR</td> <td>▽=0</td> <td>4 PLACES ±--- ±---</td> <td>DRAWN BY SUZIK</td> <td>DATE 1987/07/10</td> <td>TITLE</td> <td rowspan="2">FRICITION LOCK HEADER ASY .100 CL BENT SQ PINS 7478 SERIES DWG</td> </tr> <tr> <td>Y9</td> <td>CHK:KJELHAG</td> <td></td> <td>3 PLACES ±--- ±---</td> <td>CHECKED BY</td> <td>DATE</td> <td></td> </tr> <tr> <td></td> <td>APP:RSMITH</td> <td></td> <td>2 PLACES ±--- ±---</td> <td>PATEL</td> <td>1987/07/10</td> <td>APPROVED BY</td> <td rowspan="2">MOLEX INCORPORATED</td> </tr> <tr> <td></td> <td></td> <td></td> <td>1 PLACE ±--- ±---</td> <td>LENZ</td> <td>1987/07/10</td> <td>MATERIAL NO.</td> </tr> <tr> <td></td> <td></td> <td></td> <td>ANGULAR ±---°</td> <td></td> <td></td> <td>DOCUMENT NO.</td> <td>SDA-7478</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>SHEET NO.</td> <td>2 OF 7</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td colspan="2">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td> </tr> </table>								REV	ADD A-7478-NA I02T	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	SEC NO: UCP2006-1815	▽=0	mm INCH	IN/MM	---	INCH		Y0	DRW:WADERR	▽=0	4 PLACES ±--- ±---	DRAWN BY SUZIK	DATE 1987/07/10	TITLE	FRICITION LOCK HEADER ASY .100 CL BENT SQ PINS 7478 SERIES DWG	Y9	CHK:KJELHAG		3 PLACES ±--- ±---	CHECKED BY	DATE			APP:RSMITH		2 PLACES ±--- ±---	PATEL	1987/07/10	APPROVED BY	MOLEX INCORPORATED				1 PLACE ±--- ±---	LENZ	1987/07/10	MATERIAL NO.				ANGULAR ±---°			DOCUMENT NO.	SDA-7478							SHEET NO.	2 OF 7							THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																				
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	13	12	11	10	9	8	7	6	5	4	3	2	1	
	A-7478-NA I02		A-7478-NA501		A-7478-NA501T		A-7478-NA I02T							
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.
	22-05-3021	A-7478-2A I02	22-12-2024	A-7478-2A501	50-29-1710	A-7478-2A501T	50-34-8500	A-7478-2A I02T						
	22-05-3031	A-7478-3A I02	22-12-2034	A-7478-3A501	50-29-1711	A-7478-3A501T	50-34-8501	A-7478-3A I02T						
	22-05-3041	A-7478-4A I02	22-12-2044	A-7478-4A501	50-29-1705	A-7478-4A501T	50-34-8502	A-7478-4A I02T						
I	22-05-3051	A-7478-5A I02	22-12-2054	A-7478-5A501	50-29-1712	A-7478-5A501T								
	22-05-3061	A-7478-6A I02	22-12-2064	A-7478-6A501	50-29-1713	A-7478-6A501T								
	22-05-3071	A-7478-7A I02	22-12-2074	A-7478-7A501	50-29-1714	A-7478-7A501T								
	22-05-3081	A-7478-8A I02	22-12-2084	A-7478-8A501	50-29-1715	A-7478-8A501T								
	22-05-3091	A-7478-9A I02	22-12-2094	A-7478-9A501	50-29-1716	A-7478-9A501T								
H	22-05-3101	A-7478-10A I02	22-12-2104	A-7478-10A501	50-29-1717	A-7478-10A501T								
	22-05-3111	A-7478-11A I02	22-12-2114	A-7478-11A501	50-29-1718	A-7478-11A501T								
	22-05-3121	A-7478-12A I02	22-12-2124	A-7478-12A501	50-29-1719	A-7478-12A501T								
	22-05-3131	A-7478-13A I02	22-12-2134	A-7478-13A501	50-29-1720	A-7478-13A501T								
	22-05-3141	A-7478-14A I02	22-12-2144	A-7478-14A501	50-29-1721	A-7478-14A501T								
G	22-05-3151	A-7478-15A I02	22-12-2154	A-7478-15A501	50-29-1722	A-7478-15A501T								
	22-05-3161	A-7478-16A I02	22-12-2164	A-7478-16A501	50-29-1723	A-7478-16A501T								
	22-05-3171	A-7478-17A I02	22-12-2174	A-7478-17A501	50-29-1724	A-7478-17A501T								
	22-05-3181	A-7478-18A I02	22-12-2184	A-7478-18A501	50-29-1725	A-7478-18A501T								
	22-05-3191	A-7478-19A I02	22-12-2194	A-7478-19A501	50-29-1726	A-7478-19A501T								
F	22-05-3201	A-7478-20A I02	22-12-2204	A-7478-20A501	50-29-1727	A-7478-20A501T								
	22-05-3211	A-7478-21A I02	22-12-2214	A-7478-21A501	50-29-1728	A-7478-21A501T								
	22-05-3221	A-7478-22A I02	22-12-2224	A-7478-22A501	50-29-1729	A-7478-22A501T								
	22-05-3231	A-7478-23A I02	22-12-2234	A-7478-23A501	50-29-1730	A-7478-23A501T								
	22-05-3241	A-7478-24A I02	22-12-2244	A-7478-24A501	50-29-1731	A-7478-24A501T								
	22-05-3251	A-7478-25A I02	22-12-2254	A-7478-25A501	50-29-1732	A-7478-25A501T								
	22-05-3261	A-7478-26A I02	22-12-2264	A-7478-26A501	50-29-1733	A-7478-26A501T								
E	22-05-3271	A-7478-27A I02	22-12-2274	A-7478-27A501	50-29-1734	A-7478-27A501T								
	22-05-3281	A-7478-28A I02	22-12-2284	A-7478-28A501	50-29-1735	A-7478-28A501T								
D														
C														
B														
A														

ADD PINS EC NO. UCP2006-1815 2006/02/06 DRW:ADBR 2006/02/06 CHK:KJELHAG 2006/02/06 APP:RSMITH 2006/02/09 REV DESCRIPTION	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				
		3 PLACES ± --- ± ---	SUZIK 1987/07/10	TITLE			
	2 PLACES ± --- ± ---	CHECKED BY DATE				FRICION LOCK HEADER ASY	
	1 PLACE ± --- ± ---	PATEL 1987/07/10				.100 CL BENT SQ PINS	
	ANGULAR ± ---°	APPROVED BY DATE				7478 SERIES DWG.	
		LENZ 1987/07/10				MOLEX INCORPORATED	
		MATERIAL NO.	SEE CHART			SDA-7478	
		DOCUMENT NO.					
						SHEET NO. 3 OF 7	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					
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