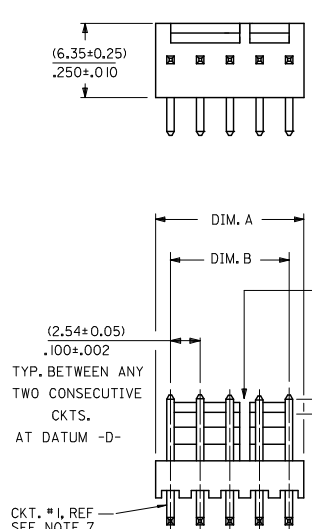
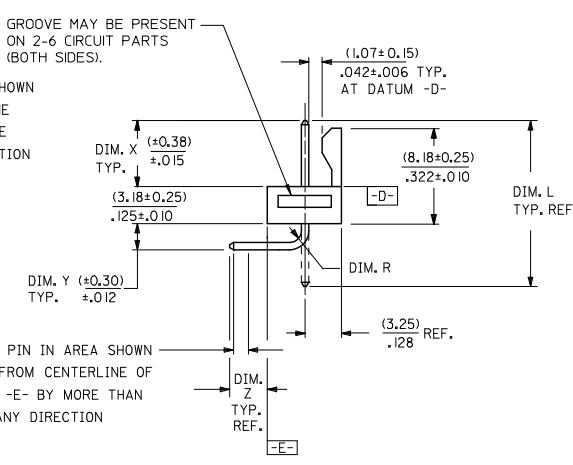
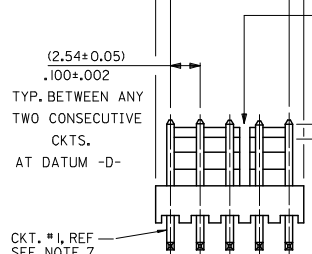


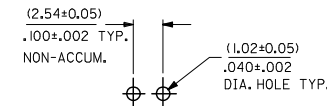
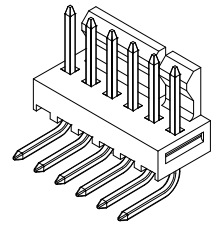
	13	12	11	10	9	8	7	6	5	4	3	2	1
J	28	(71.12 / 70.61) 2.800 / 2.780	(68.58 ± 0.25) 2.700 ± .010	4 , 5 24 , 25									
	27	(68.58 / 68.07) 2.700 / 2.680	(66.04 ± 0.25) 2.600 ± .010	4 , 5 24 , 25									
I	26	(66.04 / 65.53) 2.600 / 2.580	(63.50 ± 0.25) 2.500 ± .010	4 , 5 20 , 21									
	25	(63.50 / 62.99) 2.500 / 2.480	(60.96 ± 0.25) 2.400 ± .010	4 , 5 20 , 21									
H	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									
G	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									
F	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									
E	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									
D	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									
C	12	(30.48 / 30.12) 1.200 / 1.186	(27.94 ± 0.18) 1.100 ± .007	4 , 5 8 , 9									
B	11	(27.94 / 27.58) 1.100 / 1.086	(25.40 ± 0.18) 1.000 ± .007	4 , 5 8 , 9									
A	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									
		DIM. A	DIM. B	SLOTS LOC.									



- 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.



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



NO. OF CKTS. →

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

PLATING SEE NOTE 2

RECOMMENDED P.C. BOARD HOLE LAYOUT

7	Y4
6	W1
5	Y8
4	Y7
3	Y9
2	Y9
1	Z
REV	REV

QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .015 1 PLACE ± 0.38 ± ---	MM/IN	4:1	INCH	
DRAWING ADD GROOVE EC NO. UCP2009-0785 2008/12/29 DRAWN BY WKK PPR 2009/07/30 CHECKED BY CHK-SSJ USEK 2009/07/30 APPROVED BY APPRO:LSMTH	ANGULAR ± 1/2°	DRAWN BY	DATE	TITLE	FRICITION LOCK HEADER ASY .100 CL BENT SQ PINS 7478 SERIES DWG
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	GUZIC	1987/07/30	MOLEX INCORPORATED	
		APPROVED BY	DATE	DOCUMENT NO.	SHEET NO.
		LENZ	1987/07/30	SDA-7478	1 OF 7
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												
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																		
H																										
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F																										
F																										
E																										
E																										
D																										
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C																										
C																										
B								ADD A-7478-NA I02T SEC NO. UCP2006-1815 2006/02/06 Y0 DRW:WADRR CHK:KJELHAG 2006/02/06 APP:RSMITH 2006/02/09		QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ±--- ±--- 3 PLACES ±--- ±--- 2 PLACES ±--- ±--- 1 PLACE ±--- ±--- ANGULAR ±---°	DIMENSION STYLE IN/MM DRAWN BY SUZIK DATE 1987/07/10 CHECKED BY DATE PATEL 1987/07/10 APPROVED BY LENZ DATE 1987/07/10	SCALE --- DESIGN UNITS INCH THIRD ANGLE PROJECTION	TITLE FRICTION LOCK HEADER ASY .100 CL BENT SQ PINS 7478 SERIES DWG	MATERIAL NO. SEE CHART	DOCUMENT NO. SDA-7478	SHEET NO. 2 OF 7									
A								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																

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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:BELHAG 2006/02/06 APP:FSMTH 2006/02/09 REV DESCRIPTION		QUALITY SYMBOLS ▽=0 ▽=0		GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <td></td> <td>mm</td> <td>INCH</td> </tr> <tr> <td>4 PLACES</td> <td>±.005</td> <td>±.0004</td> </tr> <tr> <td>3 PLACES</td> <td>±.008</td> <td>±.0005</td> </tr> <tr> <td>2 PLACES</td> <td>±.012</td> <td>±.0007</td> </tr> <tr> <td>1 PLACE</td> <td>±.015</td> <td>±.0009</td> </tr> <tr> <td colspan="3">ANGULAR ±.005°</td> </tr> </table>			mm	INCH	4 PLACES	±.005	±.0004	3 PLACES	±.008	±.0005	2 PLACES	±.012	±.0007	1 PLACE	±.015	±.0009	ANGULAR ±.005°			DIMENSION STYLE IN/MM		SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
	mm	INCH																												
4 PLACES	±.005	±.0004																												
3 PLACES	±.008	±.0005																												
2 PLACES	±.012	±.0007																												
1 PLACE	±.015	±.0009																												
ANGULAR ±.005°																														
DRAWN BY SUZIK DATE 1987/07/10		CHECKED BY PATEL DATE 1987/07/10		APPROVED BY LENZ DATE 1987/07/10		MATERIAL NO. SEE CHART		DOCUMENT NO. SDA-7478		SHEET NO. 3 OF 7																				
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																			

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