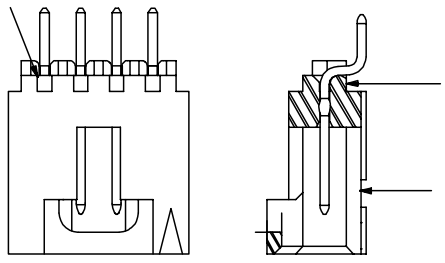
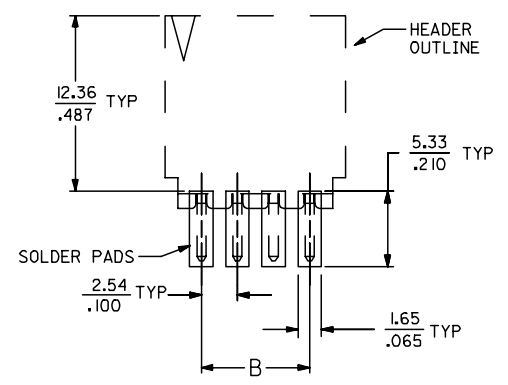
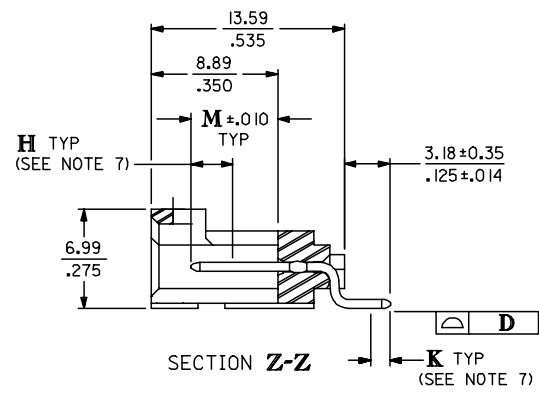
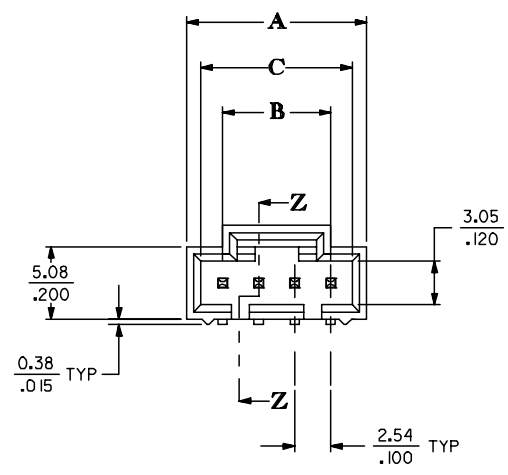


(0.64)/.025 SQUARE PIN



**ALTERNATIVE CORING  
MANUFACTURER'S OPTION**

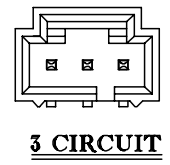
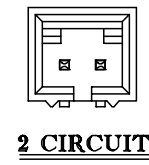
CKT. SIZE	"A"		"B"		"C"		"D"	
	MM	IN.	MM	IN.	MM	IN.	MM	IN.
2	7.37	.290	2.54	.100	5.33	.210	0.13	.005
3	10.16	.400	5.08	.200	8.13	.320	0.13	.005
4	12.70	.500	7.62	.300	10.67	.420	0.13	.005
5	15.24	.600	10.16	.400	13.21	.520	0.13	.005
6	17.78	.700	12.70	.500	15.75	.620	0.13	.005
7	20.32	.800	15.24	.600	18.29	.720	0.13	.005
8	22.86	.900	17.78	.700	20.83	.820	0.13	.005
9	25.40	1.000	20.32	.800	23.37	.920	0.13	.005
10	27.94	1.100	22.86	.900	25.91	1.020	0.13	.005
11	30.48	1.200	25.40	1.000	28.45	1.120	0.13	.005
12	33.02	1.300	27.94	1.100	30.99	1.220	0.13	.005
13	35.56	1.400	30.48	1.200	33.53	1.320	0.13	.005
14	38.10	1.500	33.02	1.300	36.07	1.420	0.13	.005
15	40.64	1.600	35.56	1.400	38.61	1.520	0.13	.005
16	43.18	1.700	38.10	1.500	41.15	1.620	0.15	.006
17	45.72	1.800	40.64	1.600	43.69	1.720	0.15	.006
18	48.26	1.900	43.18	1.700	46.23	1.820	0.15	.006
19	50.80	2.000	45.72	1.800	48.77	1.920	0.15	.006
20	53.34	2.100	48.26	1.900	51.31	2.020	0.15	.006
21	55.88	2.200	50.80	2.000	53.85	2.120	0.18	.007
22	58.42	2.300	53.34	2.100	56.39	2.220	0.18	.007
23	60.96	2.400	55.88	2.200	58.93	2.320	0.18	.007
24	63.50	2.500	58.42	2.300	61.47	2.420	0.18	.007
25	66.04	2.600	60.96	2.400	64.01	2.520	0.18	.007



**RECOMMENDED P.C. BOARD PAD LAYOUT**

**NOTES:**

1. HEADER MATERIAL: GLASS FILLED POLYESTER; UL94V-0; COLOR: BLACK  
PIN MATERIAL: PHOSPHOR BRONZE
2. SEE SHEET 2 FOR PIN PLATINGS.
3. HEADER TO BE USED WITH OPTION "G" 70400 AND 70430 SERIES SL CONNECTORS.
4. REFER TO MOLEX PRODUCT SPECIFICATION PS-70541.
5. SEE CHART ON SHEET 2 FOR STANDARD PACKAGING.
6. DIMENSIONS WITHOUT TOLERANCE ARE SHOWN FOR REFERENCE ONLY.
7. MEASURE POINT FOR PLATING THICKNESS. SEE CHART ON SHEET 2 FOR DIMENSIONS H AND K.



2	D
1	D
SHT	REV

MODIFY PACKAGING EC NO: UCP2006-1582 DRAWN BY: BARRA 2006/01/30 CHKD: DMORGAN 2006/02/03 APPR: SMILLER 2006/02/06	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± ---	3 PLACES ± --- ± .010	DRAWN BY DMORGAN	DATE 02/07/08	TITLE SALES ASSEMBLY SMT HDR RIGHT ANGLE W/ LATCHES .100 CENTERS W/ OUT PEGS			
		2 PLACES ± 0.25 ± .015	1 PLACE ± 0.38 ± ---	CHECKED BY BBARKER	DATE 02/07/08	APPROVED BY SMILLER			
		ANGULAR ±1/2°		MATERIAL NO. DATE 02/07/08		MOLEX INCORPORATED			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE TABLE		DOCUMENT NO. SD-74105-001		SHEET NO. 1 OF 2	
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	ITEM NUMBER 74105-	"M"	PLATING SEE BELOW	CONNECTOR END PLATING		P.C. BOARD END PLATING		PACKAGING		OPTION	PACKAGE PER PK-70873		
				TYPE	"H" MEASURE POINT	TYPE	"K" MEASURE POINT						
	-0001-0024	6.10 .240	TIN	TIN	2.54 .100	TIN	1.27 .050	TUBE	-016				
	-0025-0048	6.10 .240	15 GOLD	GOLD	2.54 .100	TIN	1.27 .050	TUBE	-016				
I	-0049-0072	6.10 .240	30 GOLD	GOLD	2.54 .100	TIN	1.27 .050	TUBE	-016				
H													

CKTS	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	CKTS
	02	74105-0001	74105-0025	02
	03	74105-0002	74105-0026	03
G	04	74105-0003	74105-0027	04
	05	74105-0004	74105-0028	05
	06	74105-0005	74105-0029	06
	07	74105-0006	74105-0030	07
	08	74105-0007	74105-0031	08
	09	74105-0008	74105-0032	09
F	10	74105-0009	74105-0033	10
	11	74105-0010	74105-0034	11
	12	74105-0011	74105-0035	12
	13	74105-0012	74105-0036	13
	14	74105-0013	74105-0037	14
	15	74105-0014	74105-0038	15
E	16	74105-0015	74105-0039	16
	17	74105-0016	74105-0040	17
	18	74105-0017	74105-0041	18
	19	74105-0018	74105-0042	19
	20	74105-0019	74105-0043	20
	21	74105-0020	74105-0044	21
	22	74105-0021	74105-0045	22
D	23	74105-0022	74105-0046	23
	24	74105-0023	74105-0047	24
	25	74105-0024	74105-0048	25

**PLATINGS**

TIN - TIN (Sn) OVER ENTIRE PIN; THICKNESS=(3.75 MICROMETER)/75 MICROINCH MINIMUM; NICKEL (Ni) UNDERPLATE OVER ENTIRE PIN.

15 GOLD - SELECTIVE GOLD (Au) IN THE CONTACT AREA; THICKNESS=(0.37 MICROMETER)/15 MICROINCH MINIMUM; SELECTIVE TIN (Sn) IN THE PC TAIL AREA; THICKNESS=(1.88 MICROMETER)/75 MICROINCH MINIMUM; NICKEL (Ni) UNDERPLATE OVER ENTIRE PIN.

30 GOLD - SELECTIVE GOLD (Au) IN THE CONTACT AREA; THICKNESS=(0.75 MICROMETER)/30 MICROINCH MINIMUM; SELECTIVE TIN (Sn) IN THE PC TAIL AREA; THICKNESS=(1.88 MICROMETER)/75 MICROINCH MINIMUM; NICKEL (Ni) UNDERPLATE OVER ENTIRE PIN.

MODIFY PLATING EC NO: UCP2006-1582 DRAWN BY: BARRA 2006/01/30 CHKD: DMORGAN 2006/02/03 APPR: SMILLER 2006/02/06 REV:	DESCRIPTION QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
				MM/IN		---	INCH				
				mm	INCH	DRAWN BY DATE		TITLE			
				4 PLACES ± ---	± ---	DMORGAN 02/07/08		SALES ASSEMBLY SMT HDR RIGHT ANGLE W/ LATCH .100 CENTERS W/OUT PEGS			
		3 PLACES ± ---	± .010	CHECKED BY DATE		MOLEX MOLEX INCORPORATED					
		2 PLACES ± 0.25	± .015	BBARKER 02/07/08		DOCUMENT NO.					
		1 PLACE ± 0.38	± ---	APPROVED BY DATE		SHEET NO.					
		ANGULAR ±1/2°		SMILLER 02/07/08		2 OF 2					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		SD-74105-001					
				SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					