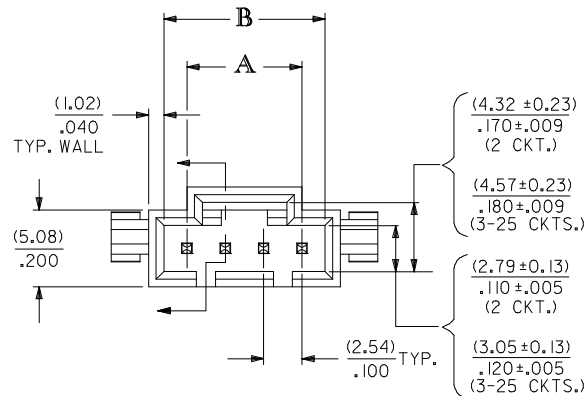


SL VERTICAL HEADER
W/LATCH & SPLIT PEGS

(0.64)/.025 SQUARE PIN



NOTES:

1. MATERIAL:

HOUSING: GLASS FILLED POLYESTER; UL94V-0
COLOR: BLACK.

PIN MATERIAL: PHOSPHOR BRONZE.

2. HEADER TO BE USED WITH OPTION "G" 70400 AND 70430
SERIES SL CONNECTORS.

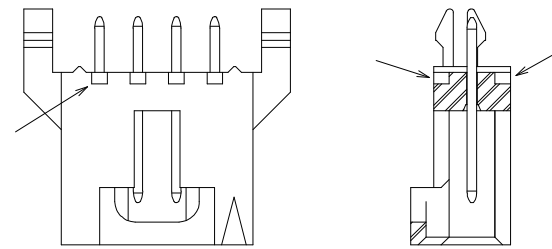
3. REFER TO MOLEX PRODUCT SPECIFICATION PS-70541.

4. STANDARD PACKAGING PER PK-70873-0014.

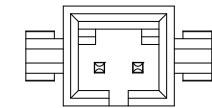
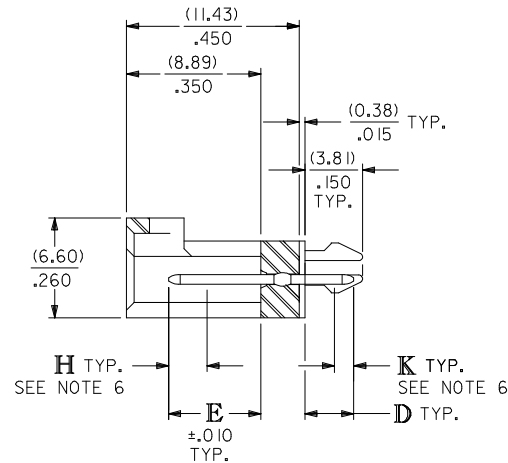
5. MEASURE POINT FOR PLATING THICKNESS.

PLATING:

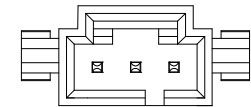
- TIN - .000150 MINIMUM TIN PLATE
OVER .000050 MINIMUM NICKEL PLATE.
- 15 GOLD - .000015 MINIMUM GOLD PLATE IN SELECT AREA,
.000075 MINIMUM TIN PLATE IN SELECT AREA,
OVER .000050 MINIMUM NICKEL PLATE OVERALL.
- 30 GOLD - .000030 MINIMUM GOLD PLATE IN SELECT AREA,
.000075 MINIMUM TIN PLATE IN SELECT AREA,
OVER .000050 MINIMUM NICKEL PLATE OVERALL.



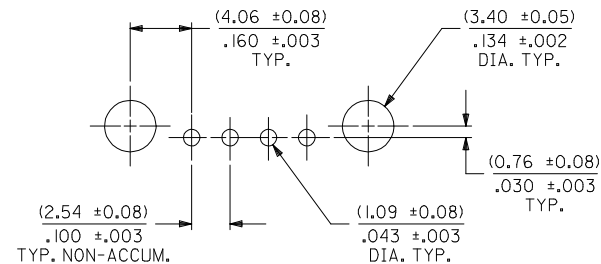
**ALTERNATIVE CORING
MANUFACTURER'S OPTION**



2 CIRCUIT



3 CIRCUIT



RECOMMENDED PC BOARD LAYOUT

(FOR USE WITH (1.57)/.062 THICK BOARD)

ADD DIM'S LOC. F-9				QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION	TITLE
						MM/IN			INCH		
REV	DESCRIPTION	DATE	BY		4 PLACES	± ---	± ---	DRAWN BY		DATE	
					3 PLACES	± ---	± .005	RKA		04/07/15	
					2 PLACES	± 0.13	± .01	CHECKED BY		DATE	
					1 PLACE	± 0.25	± ---	BB		04/07/15	
					0 PLACE	± ---	± ---	APPROVED BY		DATE	
								SMILLER		2013/07/22	
					ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-70541-001		1 OF 4
								SIZE C 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	CIRCUIT SIZE	ASSEMBLY ITEM NUMBER 70541		MANUFACTURE RELEASE STATUS						D REF.	E ± .010	CONNECTOR END PLATING			P.C. BOARD END PLATING										
												TYPE	H MEAS.		TYPE	K MEAS.									
	2-10			R.F.M.						(3.30) .130	(6.10) .240	TIN	(2.54) .100		TIN	(1.27) .050									
I	11-25																								
	2-10	-9036-9044		R.F.M.						(3.30) .130	(6.10) .240	15 GOLD	(2.54) .100		TIN	(1.27) .050									
H	11-25																								
	2-10			R.F.M.						(3.30) .130	(6.10) .240	30 GOLD	(2.54) .100		TIN	(1.27) .050									
G	11-25																								
	6-10	-9075-9079		R.F.M.						(3.30) .130	(6.10) .240	30 GOLD	(2.54) .100		TIN	(1.27) .050									
F																									
	2-10			R.F.M.						(3.30) .130	(6.10) .240	TIN	(2.54) .100		TIN	(1.27) .050									
F	CIRCUIT SIZE	ASSEMBLY ITEM NUMBER		ASSEMBLY ITEM NUMBER		ASSEMBLY ITEM NUMBER		ASSEMBLY ITEM NUMBER		ASSEMBLY ITEM NUMBER		ASSEMBLY ITEM NUMBER		ASSEMBLY ITEM NUMBER		ASSEMBLY ITEM NUMBER									
	2				70541-9036																				
	3																								
	4				70541-9038																				
E	5				70541-9039																				
	6				70541-9040			70541-9075																	
	7				70541-9041																				
	8				70541-9042			70541-9077																	
	9				70541-9043																				
	10				70541-9044			70541-9079																	
D	11																								
	12																								
	13																								
	14																								
	15																								
	16																								
C	17																								
	18																								
	19																								
	20																								
	21																								
	22																								
B	23																								
	24																								
	25																								
"X" IN COLUMN UNDER "ASSEMBLY ITEM NUMBER " HEADING DENOTES TOOLING NOT AVAILABLE										SEE SHEET 1 EC NO: UCP2013-5374 DRAWN BY: IPPL 2013/06/13 CHKD BY: MORGAN 2013/06/13 APPR: MILLER 2013/07/22		QUALITY SYMBOLS ▽=0 ▽=0 ▽=0		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE		DESIGN UNITS INCH		THIRD ANGLE PROJECTION			
mm		INCH		DRAWN BY RKA		DATE 04/07/15		TITLE SALES ASSY, SL VERTICAL HEADER W/LATCH & SPLIT PEGS (2.54)/.100 CENTERS																	
A	4 PLACES		± ---		± ---		CHECKED BY BB		DATE 04/07/15		APPROVED BY SMILLER		DATE 2013/07/22		MATERIAL NO.		DOCUMENT NO.		SHEET NO.						
	3 PLACES		± ---		±.005										SD-70541-001		2 OF 4								
	2 PLACES		± 0.13		±.01																				
	1 PLACE		± 0.25		± ---																				
	0 PLACE		± ---		± ---																				
										ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX. INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
1b_frame_C_P_AM_T Rev. G 2012/01/11		12		11		10		9		8		7		6		5		4		3		2		1	

13		12		11		10		9		8		7		6		5		4		3		2		1		
J	CIRCUIT SIZE	ASSEMBLY ITEM NUMBER 70545	MANUFACTURE RELEASE STATUS				D (± 0.38) ± .015	E (± 0.25) ± .010			CONNECTOR END PLATING			P.C. BOARD END PLATING												
											TYPE	H MEAS.		TYPE	K MEAS.											
							(3.30) .130	(6.10) .240				15 GOLD	(2.54) .100		TIN	(1.27) .050										
I	2-10	-9036 TO -9044	R.F.M.																							
	11-13	-9045 TO -9047	R.F.M.																							
	14	-9048	R.F.M.																							
H	15-25	-9049 TO -9059	R.F.M.									15 GOLD	(2.54) .100		TIN	(1.27) .050										
	3-4	-9072 to -9073	R.F.M.																							
	8	-9077	R.F.M.									30 GOLD	(2.54) .100		TIN	(1.27) .050										
G	10	-9079	R.F.M.																							
	12-13	-9081 to -9082	R.F.M.									30 GOLD	(2.54) .100		TIN	(1.27) .050										
	18	-9087	R.F.M.																							
F																										F
E	CIRCUIT SIZE	ASSEMBLY ITEM NUMBER	ASSEMBLY ITEM NUMBER	ASSEMBLY ITEM NUMBER	ASSEMBLY ITEM NUMBER	ASSEMBLY ITEM NUMBER																				E
	2		70545-9036																							
	3		70545-9037		70545-9072																					
	4		70545-9038		70545-9073																					
	5		70545-9039																							
	6		70545-9040																							
	7		70545-9041																							
	8		70545-9042		70545-9077																					
	9		70545-9043																							
	10		70545-9044		70545-9079																					
	11		70545-9045																							
D	12		70545-9046		70545-9081																					D
	13		70545-9047		70545-9082																					
	14		70545-9048																							
	15		70545-9049																							
C	16		70545-9050																							
	17																									
	18		70545-9052		70545-9087																					C
	19																									
B	20		70545-9054																							
	21																									
	22																									
	23																									
	24																									
	25																									
A							SEE SHEET 1 EC NO: UCP2013-5374 DRAWN:RHIPPLE 2013/06/13 CHKD:DMORGAN 2013/06/13 APPR:SMILLER 2013/07/22	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM/IN		SCALE	DESIGN UNITS INCH	THIRD ANGLE PROJECTION										
						DRAWN BY RKA			DATE 04/07/15	TITLE SALES ASSY, SL VERTICAL HEADER W/LATCH & SPLIT PEGS (2.54)/.100 CENTERS																
						CHECKED BY BB			DATE 04/07/15	molex																
						APPROVED BY SMILLER			DATE 2013/07/22		DOCUMENT NO. SD-70541-001	SHEET NO. 3 OF 4														
						ANGULAR ±1/2°			SEE TABLE																	
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																		
1b_frame_C_P_AM_T Rev. G 2012/01/11		12	11	10	9	8	7	6	5	4	3	2	1													

13		12		11		10		9		8		7		6		5		4		3		2		1	
J	CIRCUIT SIZE	ASSEMBLY ITEM NUMBER 70545	MANUFACTURE RELEASE STATUS				D REF.	E ± .010		CONNECTOR END PLATING			P.C. BOARD END PLATING												
										TYPE	H MEAS.		TYPE	K MEAS.											
	2-19	-3901-3918	NOT TOOLED	WEBBED ASSEMBLY			(3.30)	(6.10)		30 GOLD	(2.54)		TIN	(1.27)											
	20-25	-3919-3924	R.F.M.				.130	.240			.100			.050											
I	2-19		NOT TOOLED	WEBBED ASSEMBLY			(3.30)	(6.10)		15 GOLD	(2.54)		TIN	(1.27)											
	20-25		R.F.M.				.130	.240			.100			.050											
H	2-19		NOT TOOLED	WEBBED ASSEMBLY			(3.30)	(6.10)		TIN	(2.54)		TIN	(1.27)											
	20-25		R.F.M.				.130	.240			.100			.050											
F																									
	CIRCUIT SIZE	WEBBED ASSEMBLY ITEM NUMBER	WEBBED ASSEMBLY ITEM NUMBER	WEBBED ASSEMBLY ITEM NUMBER																					
E	2																								
	3																								
	4																								
	5																								
	6																								
D	7																								
	8																								
	9																								
	10																								
	11																								
C	12																								
	13																								
	14																								
	15																								
	16																								
B	17																								
	18																								
	19																								
	20																								
	21																								
A	22	70545-3921																							
	23	70545-3923																							
	24																								
	25																								
								SEE SHEET 1		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE		DESIGN UNITS INCH		THIRD ANGLE PROJECTION					
							REV		DESCRIPTION		mm INCH		DRAWN BY DATE		CHECKED BY DATE		APPROVED BY DATE		TITLE						
							D		DRWN:RWHIPPLE 2013/06/13 CHKD:JMORGAN 2013/06/13 APPR:SMILLER 2013/07/22		4 PLACES ± --- ± --- 3 PLACES ± --- ±.005 2 PLACES ±0.13 ±.01 1 PLACE ±0.25 ± --- 0 PLACE ± --- ± ---		RKA 04/07/15 BB 04/07/15 SMILLER 2013/07/22		SALES ASSY, SL VERTICAL HEADER W/LATCH & SPLIT PEGS (2.54)/.100 CENTERS		moLEX								
											ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.								
											DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-70541-001		4 OF 4								
											SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
1b_frame_C_P_AM_T Rev. G 2012/01/11		12		11		10		9		8		7		6		5		4		3		2		1	

	13	12	11	10	9	8	7	6	5	4	3	2	1												
J	CIRCUIT SIZE	ASSEMBLY ITEM NUMBER 70541	MANUFACTURE RELEASE STATUS			D REF.	E ± .010	CONNECTOR END PLATING			P.C. BOARD END PLATING														
								TYPE	H MEAS.		TYPE	K MEAS.													
	2-10		R.F.M.			(3.30) .130	(6.10) .240	TIN	(2.54) .100		TIN	(1.27) .050													
I	2-10	-9036-9044	R.F.M.			(3.30) .130	(6.10) .240	15 GOLD	(2.54) .100		TIN	(1.27) .050													
	11-25																								
H	2-10		R.F.M.			(3.30) .130	(6.10) .240	30 GOLD	(2.54) .100		TIN	(1.27) .050													
	11-25																								
G	6-10	-9075-9079	R.F.M.			(3.30) .130	(6.10) .240	30 GOLD	(2.54) .100		TIN	(1.27) .050													
F	2-10		R.F.M.			(3.30) .130	(6.10) .240	TIN	(2.54) .100		TIN	(1.27) .050													
E	CIRCUIT SIZE	ASSEMBLY ITEM NUMBER	ASSEMBLY ITEM NUMBER	ASSEMBLY ITEM NUMBER	ASSEMBLY ITEM NUMBER	ASSEMBLY ITEM NUMBER	ASSEMBLY ITEM NUMBER																		
	2		70541-9036																						
D	3																								
	4		70541-9038																						
C	5		70541-9039																						
	6		70541-9040	70541-9075																					
B	7		70541-9041																						
	8		70541-9042	70541-9077																					
A	9		70541-9043																						
	10		70541-9044	70541-9079																					
	11																								
	12																								
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	22																								
	23																								
	24																								
	25																								
X IN COLUMN UNDER 'ASSEMBLY ITEM NUMBER ' HEADING DENOTES TOOLING NOT AVAILABLE																									
						QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE ---		DESIGN UNITS INCH		THIRD ANGLE PROJECTION									
						▽=0 ▽=0		mm INCH		DRAWN BY DATE RKA 04/07/15		TITLE HEADER STRAIGHT MOUNT .100 GRID S.L.													
								4 PLACES ± --- ± ---		CHECKED BY DATE BB 04/07/15															
								3 PLACES ± --- ± .005																	
								2 PLACES ± 0.13 ± .01																	
								1 PLACE ± 0.25 ± ---		APPROVED BY DATE SM 04/07/23															
								ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.				SHEET NO. 2 OF 2									
								DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-70541-001													
								THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
ib_frame_C_P_ME_T Rev. D 2004/04/02														12	11	10	9	8	7	6	5	4	3	2	1