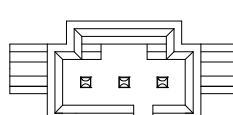
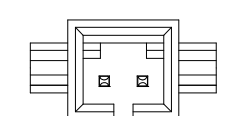
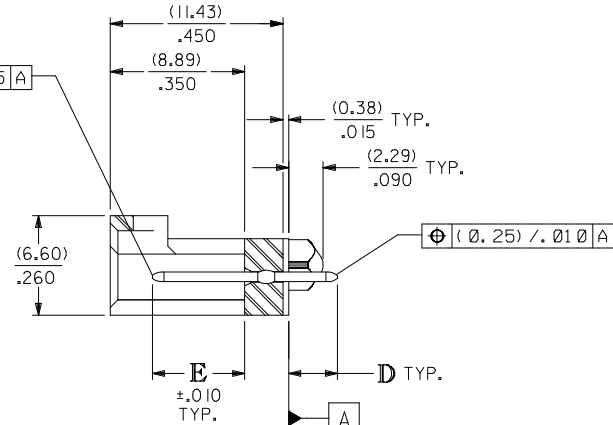
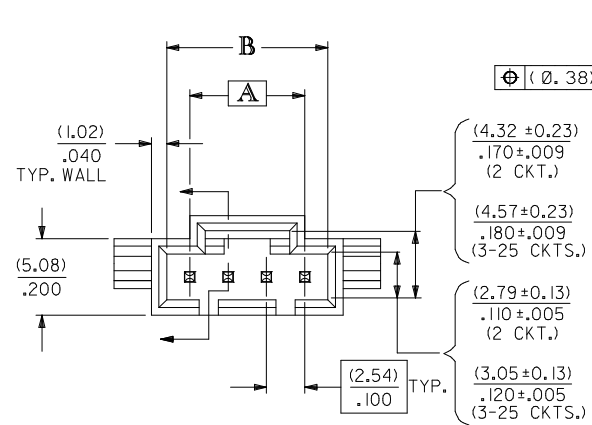
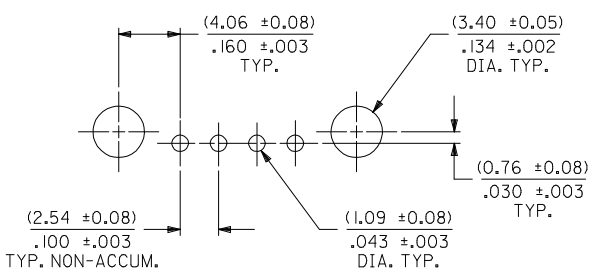


CKT. SIZE	DIM. "A"		DIM. "B"	
	MM	IN.	MM	IN.
2	2.54	.100	5.33±0.08	.210±.003
3	5.08	.200	8.13±0.10	.320±.004
4	7.62	.300	10.67±0.10	.420±.004
5	10.16	.400	13.21±0.10	.520±.004
6	12.70	.500	15.75±0.10	.620±.004
7	15.24	.600	18.29±0.10	.720±.004
8	17.78	.700	20.83±0.10	.820±.004
9	20.32	.800	23.37±0.10	.920±.004
10	22.86	.900	25.91±0.13	1.020±.005
11	25.40	1.000	28.45±0.13	1.120±.005
12	27.94	1.100	30.99±0.13	1.220±.005
13	30.48	1.200	33.53±0.13	1.320±.005
14	33.02	1.300	36.07±0.13	1.420±.005
15	35.56	1.400	38.61±0.15	1.520±.006
16	38.10	1.500	41.15±0.15	1.620±.006
17	40.64	1.600	43.69±0.15	1.720±.006
18	43.18	1.700	46.23±0.15	1.820±.006
19	45.72	1.800	48.77±0.18	1.920±.007
20	48.26	1.900	51.31±0.18	2.020±.007
21	50.80	2.000	53.85±0.18	2.120±.007
22	53.34	2.100	56.39±0.18	2.220±.007
23	55.88	2.200	58.93±0.18	2.320±.007
24	58.42	2.300	61.47±0.18	2.420±.007
25	60.96	2.400	64.01±0.20	2.520±.008



- NOTES:
- MATERIAL: HOUSING: GLASS FILLED POLYESTER; UL94V-0 COLOR: BLACK. PIN MATERIAL: PHOSPHOR BRONZE.
  - HEADER TO BE USED WITH OPTION "G" 70400 AND 70430 SERIES SL CONNECTORS.
  - REFER TO MOLEX PRODUCT SPECIFICATION PS-70541.
  - STANDARD PACKAGING PER PK-70873-0014.



**RECOMMENDED PC BOARD LAYOUT**

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

**PLATING:**

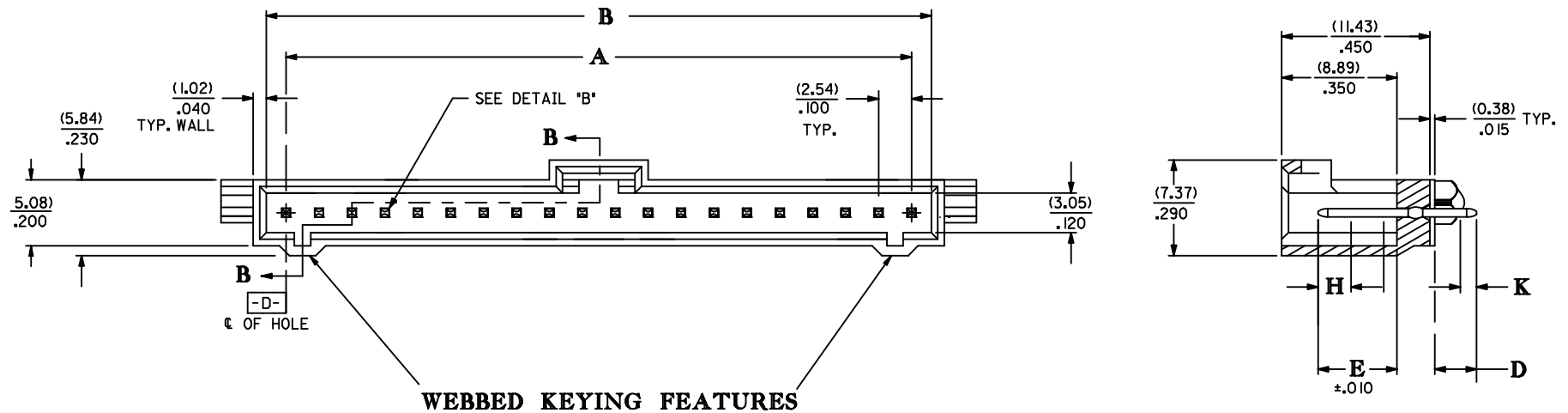
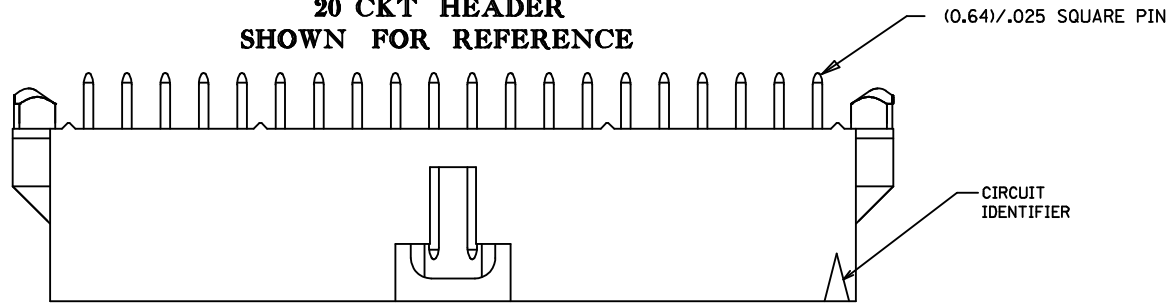
- TIN - .000150 MINIMUM TIN PLATE OVER .000050 MINIMUM NICKEL PLATE.
- 15 GOLD - .000015 MINIMUM GOLD PLATE IN SELECT AREA, .000075 MINIMUM TIN PLATE IN SELECT AREA, OVER .000050 MINIMUM NICKEL PLATE OVERALL.
- 30 GOLD - .000030 MINIMUM GOLD PLATE IN SELECT AREA, .000075 MINIMUM TIN PLATE IN SELECT AREA,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

REMOVE DIM H, K & NOTE 5 EC NO: UCP2016-0427 DRWNSVANG01 2015/07/30 CHKD:ADORGAN 2015/07/30 APPR:SMILLER 2016/02/19	DESCRIPTION QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
				MM/IN			INCH				
				mm	INCH	DRAWN BY		DATE		TITLE	
				4 PLACES ±---	±---	RKADAMS		07/19/2004		SALES ASSY, SL VERTICAL HEADER W/LATCH&TRI-PEGS (2.54)/.100 CENTERS	
		3 PLACES ±---	±.005	CHECKED BY		DATE		<b>molex</b> DOCUMENT NO. SD-70545-001 SHEET NO. 1 OF 4			
		2 PLACES ±0.13	±.01	BBARKER		07/19/2004					
		1 PLACE ±0.25	±---	APPROVED BY		DATE					
		0 PLACE ±---	±---	SMILLER		2013/07/22					
		ANGULAR ±1/2°		MATERIAL NO.		SEE TABLE					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE		C					

# OPTIONAL HOUSING

## WEBBED KEYING FEATURES

20 CKT HEADER  
SHOWN FOR REFERENCE



SEE SHEET 1 EC NO: UCP2016-0427 DRWNSVANG01 2015/07/30 CHKD:DMORGAN 2015/07/30 APPR:SMILLER 2016/02/19	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN	SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± ---	DRAWN BY RKADAMS	DATE 07/19/2004	TITLE SALES ASSY, SL VERTICAL HEADER W/LATCH&TRI-PEGS (2.54)/.100 CENTERS <b>molex</b>			
		3 PLACES ± --- ± .005	CHECKED BY BBARKER	DATE 07/19/2004				
		2 PLACES ± 0.13 ± .01	APPROVED BY SMILLER		DATE 2013/07/22	DOCUMENT NO. SD-70545-001		
1 PLACE ± 0.25 ± ---	MATERIAL NO. SEE TABLE		SHEET NO. 2 OF 4					
0 PLACE ± --- ± ---		ANGULAR ±1/2°		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE C						

CIRCUIT SIZE	ASSEMBLY ITEM NUMBER 70545		D (± 0.38) ± .015	E (± 0.25) ± .010	MATING AREA FINISH	PC TAIL AREA FINISH
			(3.30) .130	(6.10) .240	15 GOLD	TIN
2-10	-9036 TO -9044		(3.30) .130	(6.10) .240	15 GOLD	TIN
11-13	-9045 TO -9047		(3.30) .130	(6.10) .240	15 GOLD	TIN
14	-9048		(3.30) .130	(6.10) .240	15 GOLD	TIN
15-25	-9049 TO -9059		(3.30) .130	(6.10) .240	15 GOLD	TIN
3-4	-9072 to -9073		(3.30) .130	(6.10) .240	30 GOLD	TIN
8	-9077		(3.30) .130	(6.10) .240	30 GOLD	TIN
10	-9079		(3.30) .130	(6.10) .240	30 GOLD	TIN
12-13	-9081 to -9082		(3.30) .130	(6.10) .240	30 GOLD	TIN
18	-9087		(3.30) .130	(6.10) .240	30 GOLD	TIN

CIRCUIT SIZE	ASSEMBLY ITEM NUMBER	ASSEMBLY ITEM NUMBER	ASSEMBLY ITEM NUMBER	ASSEMBLY ITEM NUMBER	ASSEMBLY ITEM NUMBER
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			
12		70545-9046	70545-9081		
13		70545-9047	70545-9082		
14		70545-9048			
15		70545-9049			
16		70545-9050			
17					
18		70545-9052	70545-9087		
19					
20		70545-9054			
21					
22					
23					
24					
25					

<b>SEE SHEET 1</b> EC NO: UCP2016-0427 DRWNS:VANG01 2015/07/30 CHKD:DMORGAN 2015/07/30 APPR:SMILLER 2016/02/19	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
				MM/IN			
				DRAWN BY	DATE	TITLE	
				CHECKED BY	DATE		
		ANGULAR ±1/2°		APPROVED BY	DATE	<b>molex</b> SALES ASSY, SL VERTICAL HEADER W/LATCH&TRI-PEGS (2.54)/.100 CENTERS	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.	DOCUMENT NO.	SD-70545-001 SHEET NO. 3 OF 4	
				SEE TABLE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

CIRCUIT SIZE	ASSEMBLY ITEM NUMBER 70545		D REF.	E ± .010	MATING AREA FINISH	PC TAIL AREA FINISH
2-19	-3901-3918	WEBBED ASSEMBLY	(3.30) .130	(6.10) .240	30 GOLD	TIN
20-25	-3919-3924	WEBBED ASSEMBLY	(3.30) .130	(6.10) .240	30 GOLD	TIN
2-19			(3.30) .130	(6.10) .240	15 GOLD	TIN
20-25			(3.30) .130	(6.10) .240	15 GOLD	TIN
2-19			(3.30) .130	(6.10) .240	TIN	TIN
20-25			(3.30) .130	(6.10) .240	TIN	TIN

CIRCUIT SIZE	WEBBED ASSEMBLY ITEM NUMBER	WEBBED ASSEMBLY ITEM NUMBER	WEBBED ASSEMBLY ITEM NUMBER
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21	70545-3921		
22			
23	70545-3923		
24			
25			

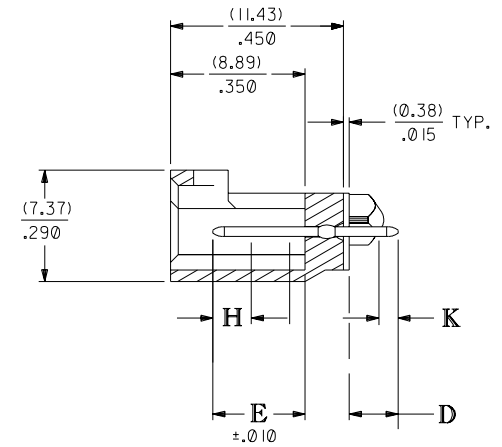
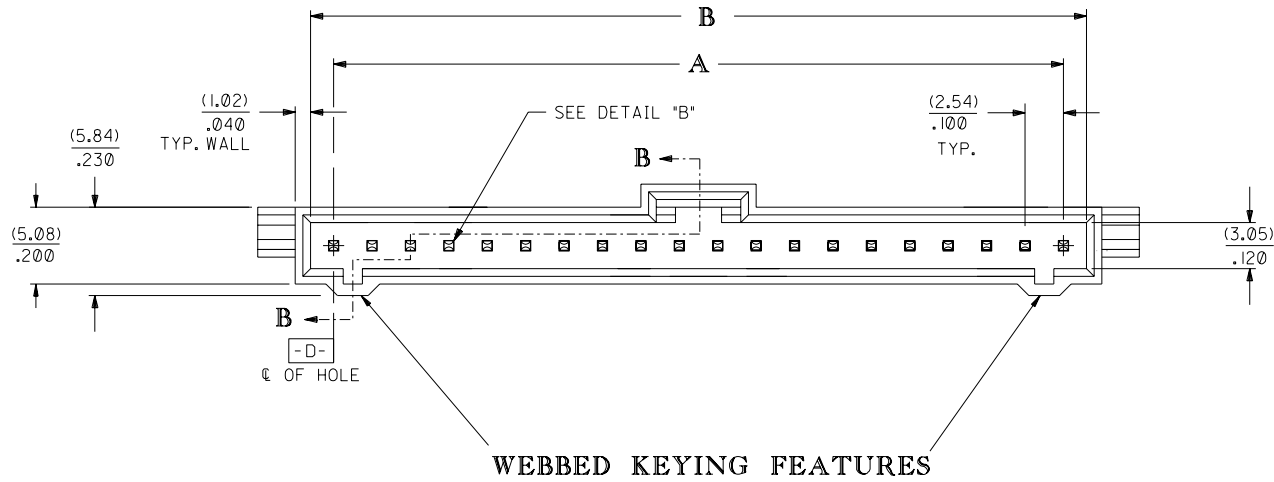
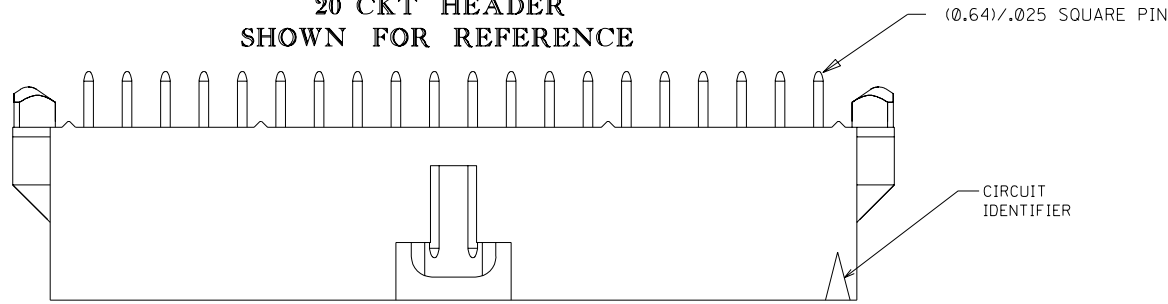
<b>SEE SHEET 1</b> EC NO: UCP2016-0427 DRWNS:VANG01 2015/07/30 CHKD:DMORGAN 2015/07/30 APPR:SMILLER 2016/02/19	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE	DESIGN UNITS INCH	THIRD ANGLE PROJECTION			
		4 PLACES ± --- ± ---	3 PLACES ± --- ± .005	2 PLACES ± 0.13 ± .01	1 PLACE ± 0.25 ± ---	0 PLACE ± --- ± ---	DRAWN BY RKADAMS	DATE 07/19/2004	TITLE SALES ASSY, SL VERTICAL HEADER W/LATCH&TRI-PEGS (2.54)/.100 CENTERS		
		ANGULAR ±1/2°					APPROVED BY SMILLER	DATE 2013/07/22	DOCUMENT NO. SD-70545-001		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					MATERIAL NO. SEE TABLE		SHEET NO. 4 OF 4		

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

# OPTIONAL HOUSING

## WEBBED KEYING FEATURES

20 CKT HEADER  
SHOWN FOR REFERENCE



### SECTION B-B

DIMENSIONS SHOWN (METRIC) INCH	
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°	
3 PLACE ± .005	INCH METRIC
2 PLACE ± .01 ± 0.13	
1 PLACE ± 0.25	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
DRWG. BY RKA	CHK'D. BY BB
APP'D. BY SM	SCALE :

▽ = 0	▼ = 0	REVISE ONLY ON CAD SYSTEM
TITLE SALES ASSY, SL VERTICAL HEADER W/LATCH & TRI-PEGS (2.54)/.100 CENTERS		
MOLEX INCORPORATED	SHEET NO. 2	DATE 04/7/19
LITSE,ILL. 60532 U.S.A.		
PART NO. SEE CHART	DRWG. NO. SD-70545-001	
FILE NAME S70545X2.DGN	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	DIV. DA

LTR.	REVISIONS	LTR.	REVISIONS
	A		SEE SHEET I

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.	
I	2-10	-9036 TO -9044	R.F.M.				(3.30) .130	(6.10) .240			15 GOLD	(2.54) .100		TIN	(1.27) .050	
	11-13	-9045 TO -9047	R.F.M.													
	14	-9048	R.F.M.				(3.30) .130	(6.10) .240			15 GOLD	(2.54) .100		TIN	(1.27) .050	
H	3-4	-9072 to -9073	R.F.M.													
	8	-9077	R.F.M.				(3.30) .130	(6.10) .240			30 GOLD	(2.54) .100		TIN	(1.27) .050	
	10	-9079	R.F.M.													
G	12-13	-9081 to -9082	R.F.M.				(3.30) .130	(6.10) .240			30 GOLD	(2.54) .100		TIN	(1.27) .050	
	18	-9087	R.F.M.													





F	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		
	13		70545-9047	70545-9082		
	14		70545-9048			
	15		70545-9049			
	16		70545-9050			
C	18		70545-9052	70545-9087		
	19					
	20		70545-9054			
B	21					
	22					
	23					
	24					
	25					

ADD 70545-90** EC NO: UCP2006-0364 DRWNSWART 2005/12/12 CHKD:BBARKER 2005/12/19 APPR:SMILLER 2005/12/19 REVISION DESCRIPTION REVISION DESCRIPTION	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM/IN	SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION 															
	<table border="1"> <tr><th>mm</th><th>INCH</th></tr> <tr><td>4 PLACES ± ---</td><td>± ---</td></tr> <tr><td>3 PLACES ± ---</td><td>± ---</td></tr> <tr><td>2 PLACES ± ---</td><td>± ---</td></tr> <tr><td>1 PLACE ± ---</td><td>± ---</td></tr> </table>	mm	INCH	4 PLACES ± ---	± ---	3 PLACES ± ---	± ---	2 PLACES ± ---	± ---	1 PLACE ± ---	± ---	<table border="1"> <tr><th>mm</th><th>INCH</th></tr> <tr><td>ANGULAR ± ---°</td><td>± ---°</td></tr> </table>	mm	INCH	ANGULAR ± ---°	± ---°	DRAWN BY: RKADAMS DATE: 07/19/2004 CHECKED BY: BBARKER DATE: 07/19/2004 APPROVED BY: SMILLER DATE: 07/19/2004	TITLE SALES ASSY, SL VERTICAL HEADER W/LATCH&TRI-PEGS (2.54)/.100 CENTERS	MOLEX INCORPORATED		
	mm	INCH																			
	4 PLACES ± ---	± ---																			
	3 PLACES ± ---	± ---																			
2 PLACES ± ---	± ---																				
1 PLACE ± ---	± ---																				
mm	INCH																				
ANGULAR ± ---°	± ---°																				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE	MATERIAL NO.	DOCUMENT NO.	SHEET NO.																
		SD-70545-001		3 OF 4																	
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 70545	MANUFACTURE RELEASE STATUS	D REF.	E ± .010	CONNECTOR END PLATING			P.C. BOARD END PLATING				
						TYPE	H MEAS.		TYPE	K MEAS.			
I	2-19	-3901-3918	NOT TOOLED	WEBBED ASSEMBLY	(3.30)	(6.10)	30 GOLD	(2.54)	.100	TIN	(1.27)	.050	
	20-25	-3919-3924	R.F.M.		.130	.240							
H	2-19		NOT TOOLED	WEBBED ASSEMBLY	(3.30)	(6.10)	15 GOLD	(2.54)	.100	TIN	(1.27)	.050	
	20-25		R.F.M.		.130	.240							
G	2-19		NOT TOOLED	WEBBED ASSEMBLY	(3.30)	(6.10)	TIN	(2.54)	.100	TIN	(1.27)	.050	
	20-25		R.F.M.		.130	.240							

F	CIRCUIT SIZE	WEBBED ASSEMBLY ITEM NUMBER	WEBBED ASSEMBLY ITEM NUMBER	WEBBED ASSEMBLY ITEM NUMBER									
E	2												
D	3												
	4												
C	5												
	6												
B	7												
	8												
A	9												
	10												
	11												
	12												
	13												

A	21	70545-3921											
	22												
B	23	70545-3923											
	24												
	25												

ADD -3921-3923 EC NO: UCP2006-0364 DRWNSWART 2005/12/12 CHKD:BBARKER 2005/12/19 APPR:SMILLER 2005/12/19 REY	QUALITY SYMBOLS  = 0  = 0.01	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1" style="font-size: small;"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± .005</td> <td>± .0005</td> </tr> <tr> <td>3 PLACES</td> <td>± .01</td> <td>± .001</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± .01</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± .01</td> </tr> <tr> <td colspan="3">ANGULAR ±1/2°</td> </tr> </table>		mm	INCH	4 PLACES	± .005	± .0005	3 PLACES	± .01	± .001	2 PLACES	± 0.13	± .01	1 PLACE	± 0.25	± .01	ANGULAR ±1/2°			DIMENSION STYLE MM/IN DRAWN BY RKA DATE 2004/17/19 CHECKED BY BB DATE 2004/17/19 APPROVED BY SM DATE 2004/17/19 MATERIAL NO.	SCALE --- DESIGN UNITS INCH  THIRD ANGLE PROJECTION	TITLE <b>SALES ASSY, SL VERTICAL HEADER W/LATCH &amp; TRIPEGS (2.54)/.100 CENTERS</b>  <b>MOLEX INCORPORATED</b> DOCUMENT NO. SD-70545-001 SHEET NO. 4 OF 4
	mm	INCH																					
4 PLACES	± .005	± .0005																					
3 PLACES	± .01	± .001																					
2 PLACES	± 0.13	± .01																					
1 PLACE	± 0.25	± .01																					
ANGULAR ±1/2°																							

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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