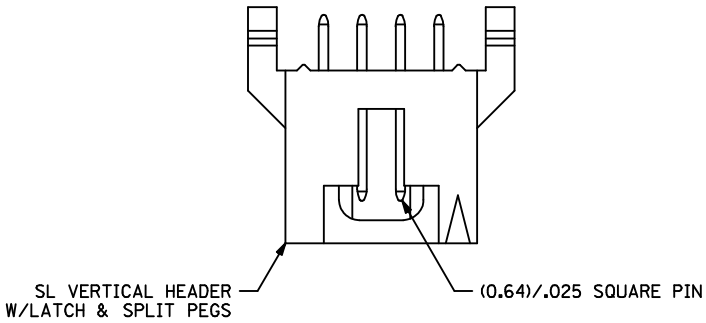
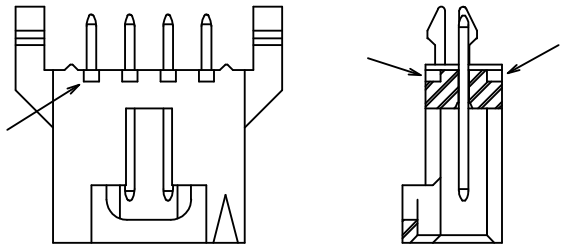
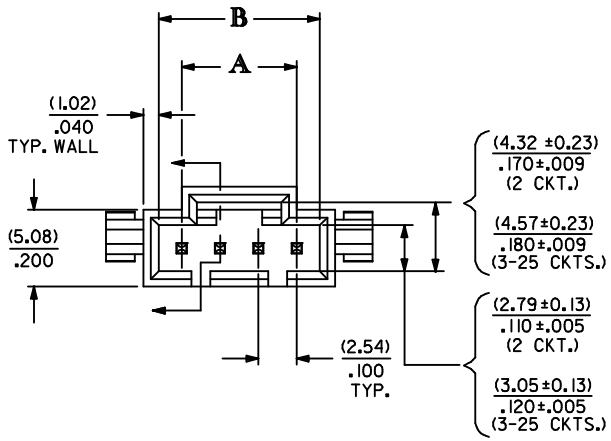
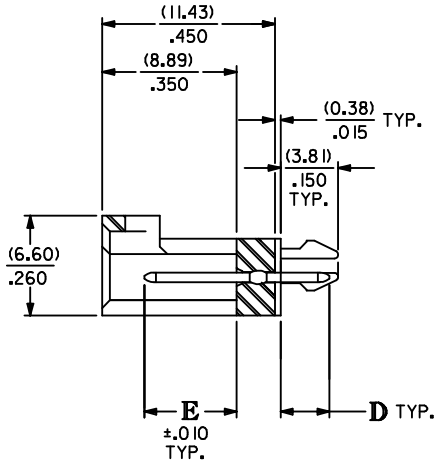


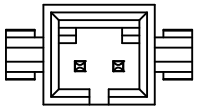


ALTERNATIVE CORING
MANUFACTURER'S OPTION

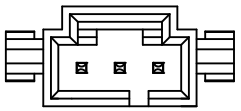
CKT. SIZE	DIM. "A" MM	DIM. "A" IN.	DIM. "B" MM	DIM. "B" IN.
2	2.54	.100	5.33	.210
3	5.08	.200	8.13	.320
4	7.62	.300	10.67	.420
5	10.16	.400	13.21	.520
6	12.70	.500	15.75	.620
7	15.24	.600	18.29	.720
8	17.78	.700	20.83	.820
9	20.32	.800	23.37	.920
10	22.86	.900	25.91	1.020







2 CIRCUIT



3 CIRCUIT

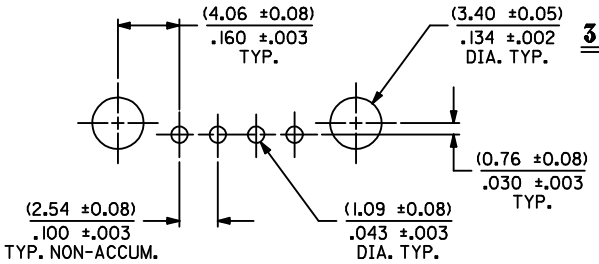
NOTES:
1. MATERIAL:
   HOUSING: GLASS FILLED POLYESTER; UL94V-0,
   COLOR: BLACK,
   PIN MATERIAL: PHOSPHOR BRONZE.
2. HEADER TO BE USED WITH OPTION "G" 70400 AND 70430 SERIES SL CONNECTORS.
3. REFER TO MOLEX PRODUCT SPECIFICATION PS-70541.
4. STANDARD PACKAGING PER PK-70873-0014.

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.



RECOMMENDED PC BOARD LAYOUT

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

ADD DIM'S-LOC. F-9
EC NO: UCP2016-0427 2015/07/29
DRWN:SVANGO1 2015/07/29
CH'KD:DMORGAN 2016/02/19
APPR:SMILLER
DESCRIPTION
REV K

QUALITY SYMBOLS
F=0
F=0
F=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .005
2 PLACES	± 0.13	± .01
1 PLACE	± 0.25	± ---
0 PLACE	± ---	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	AAB	1987/09/22
CHECKED BY	WAZ	1987/09/22
APPROVED BY	SMILLER	2013/07/22
MATERIAL NO.	SEE TABLE	

TITLE: SALES ASSY, SL VERTICAL HEADER W/LATCH & SPLIT PEGS (2.54)/.100 CENTERS

molex

DOCUMENT NO. SDA-70541-****
SHEET NO. 1 OF 2
SIZE C

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

CIRCUIT SIZE	ASSEMBLY ITEM NUMBER 70541		D REF.	E ± .010	MATING AREA FINISH	PC TAIL AREA FINISH
2-10	-0001-0009		(3.30) .130	(6.10) .240	TIN	TIN
11-25	-0010-0024		(3.30) .130	(6.10) .240	TIN	TIN
2-10	-0036-0044		(3.30) .130	(6.10) .240	15 GOLD	TIN
11-25	-0045-0059		(3.30) .130	(6.10) .240	15 GOLD	TIN
2-10	-0071-0079		(3.30) .130	(6.10) .240	30 GOLD	TIN
11-25	-0080-0094		(3.30) .130	(6.10) .240	30 GOLD	TIN
2-10	-0176-0184		(3.30) .130	(6.10) .240	TIN	TIN

CIRCUIT SIZE	ASSEMBLY ITEM NUMBER		ASSEMBLY ITEM NUMBER		ASSEMBLY ITEM NUMBER		ASSEMBLY ITEM NUMBER		ASSEMBLY ITEM NUMBER		ASSEMBLY ITEM NUMBER	
2		70541-0001		70541-0036		70541-0071						
3		70541-0002		70541-0037		70541-0072						
4		70541-0003		70541-0038		70541-0073						70541-0178
5		70541-0004		70541-0039		70541-0074						
6		70541-0005		70541-0040		70541-0075						
7		70541-0006		70541-0041		70541-0076						
8		70541-0007		70541-0042		70541-0077						
9		70541-0008		70541-0043		70541-0078						
10		70541-0009		70541-0044		70541-0079						
11	X	70541-0010	X	70541-0045	X	70541-0080						
12	X	70541-0011	X	70541-0046	X	70541-0081						
13	X	70541-0012	X	70541-0047	X	70541-0082						
14	X	70541-0013	X	70541-0048	X	70541-0083						
15	X	70541-0014	X	70541-0049	X	70541-0084						
16	X	70541-0015	X	70541-0050	X	70541-0085						
17	X	70541-0016	X	70541-0051	X	70541-0086						
18	X	70541-0017	X	70541-0052	X	70541-0087						
19	X	70541-0018	X	70541-0053	X	70541-0088						
20	X	70541-0019	X	70541-0054	X	70541-0089						
21	X	70541-0020	X	70541-0055	X	70541-0090						
22	X	70541-0021	X	70541-0056	X	70541-0091						
23	X	70541-0022	X	70541-0057	X	70541-0092						
24	X	70541-0023	X	70541-0058	X	70541-0093						
25	X	70541-0024	X	70541-0059	X	70541-0094						

"X" IN COLUMN UNDER "ASSEMBLY ITEM NUMBER" HEADING DENOTES TOOLING NOT AVAILABLE

SEE SHEET 1
EC NO: UCP2016-0427 2015/07/29
DRWN:SVANGO1 2015/07/29
CHKD:DMORGAN 2016/02/19
APPR:SMILLER
DESCRIPTION
K
REV

QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .005
2 PLACES	± 0.13	± .01
1 PLACE	± 0.25	± ---
0 PLACE	± ---	± ---

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 1:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: AAB DATE: 1987/09/22
CHECKED BY: WAZ DATE: 1987/09/22
APPROVED BY: SMILLER DATE: 2013/07/22

TITLE: SALES ASSY, SL VERTICAL HEADER W/LATCH & SPLIT PEGS (2.54)/.100 CENTERS

molex

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SDA-70541-****
SHEET NO.: 2 OF 2
SIZE: C

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

CIRCUIT SIZE	ASSEMBLY ITEM NUMBER 70541	MANUFACTURE RELEASE STATUS				D REF.	E ± .010	CONNECTOR END PLATING TYPE	H MEAS.		P.C. BOARD END PLATING TYPE	K MEAS.		
2-10	-0001-0009	R.F.M.				(3.30) .130	(6.10) .240	TIN	(2.54) .100		TIN	(1.27) .050		
11-25	-0010-0024													
2-10	-0036-0044	R.F.M.				(3.30) .130	(6.10) .240	15 GOLD	(2.54) .100		TIN	(1.27) .050		
11-25	-0045-0059													
2-10	-0071-0079	R.F.M.				(3.30) .130	(6.10) .240	30 GOLD	(2.54) .100		TIN	(1.27) .050		
11-25	-0080-0094													
2-10	-0176-0184	R.F.M.				(3.30) .130	(6.10) .240	TIN	(2.54) .100		TIN	(1.27) .050		

CIRCUIT SIZE	ASSEMBLY ITEM NUMBER		ASSEMBLY ITEM NUMBER		ASSEMBLY ITEM NUMBER		ASSEMBLY ITEM NUMBER		ASSEMBLY ITEM NUMBER		ASSEMBLY ITEM NUMBER	
2		70541-0001		70541-0036		70541-0071						
3		70541-0002		70541-0037		70541-0072						
4		70541-0003		70541-0038		70541-0073						70541-0178
5		70541-0004		70541-0039		70541-0074						
6		70541-0005		70541-0040		70541-0075						
7		70541-0006		70541-0041		70541-0076						
8		70541-0007		70541-0042		70541-0077						
9		70541-0008		70541-0043		70541-0078						
10		70541-0009		70541-0044		70541-0079						
11	X	70541-0010	X	70541-0045	X	70541-0080						
12	X	70541-0011	X	70541-0046	X	70541-0081						
13	X	70541-0012	X	70541-0047	X	70541-0082						
14	X	70541-0013	X	70541-0048	X	70541-0083						
15	X	70541-0014	X	70541-0049	X	70541-0084						
16	X	70541-0015	X	70541-0050	X	70541-0085						
17	X	70541-0016	X	70541-0051	X	70541-0086						
18	X	70541-0017	X	70541-0052	X	70541-0087						
19	X	70541-0018	X	70541-0053	X	70541-0088						
20	X	70541-0019	X	70541-0054	X	70541-0089						
21	X	70541-0020	X	70541-0055	X	70541-0090						
22	X	70541-0021	X	70541-0056	X	70541-0091						
23	X	70541-0022	X	70541-0057	X	70541-0092						
24	X	70541-0023	X	70541-0058	X	70541-0093						
25	X	70541-0024	X	70541-0059	X	70541-0094						

*"X" IN COLUMN UNDER *ASSEMBLY ITEM NUMBER * HEADING DENOTES TOOLING NOT AVAILABLE

LTR.	REVISIONS	LTR.	REVISIONS
		I	SEE SHEET 1
		H	SEE SHEET 1
		F1	SEE SHEET 1
		E	SEE SHEET 1
		D	SEE SHEET 1
		A	SEE SHEET 1

DIMENSIONS SHOWN (METRIC) INCH

UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°

	INCH	METRIC
3 PLACE	± .005	
2 PLACE	± .01	± 0.13
1 PLACE		± 0.25

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DRWG. BY	AAB	CHK'D. BY	AAB
APP'D. BY	WAZ	SCALE	:

▽ = 0 ▼ = 0 REVISE ONLY ON CAD SYSTEM

TITLE: SALES ASSY, SL VERTICAL HEADER W/LATCH & SPLIT PEGS (2.54)/.100 CENTERS

molex MOLEX INCORPORATED LISLE,ILL. 60532 U.S.A.

SHEET NO. 2 | DATE 09/22/87

PART NO. SEE CHART | DRWG. NO. SDA-70541-****

FILE NAME S70541X2

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DIV. DA | SIZE C