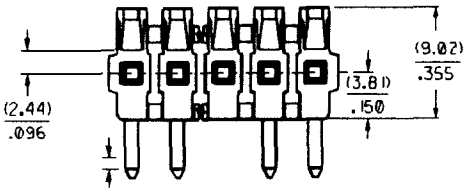
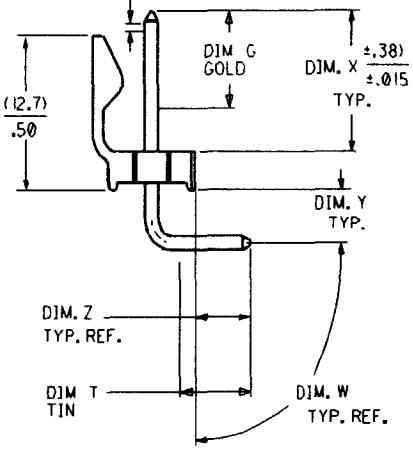
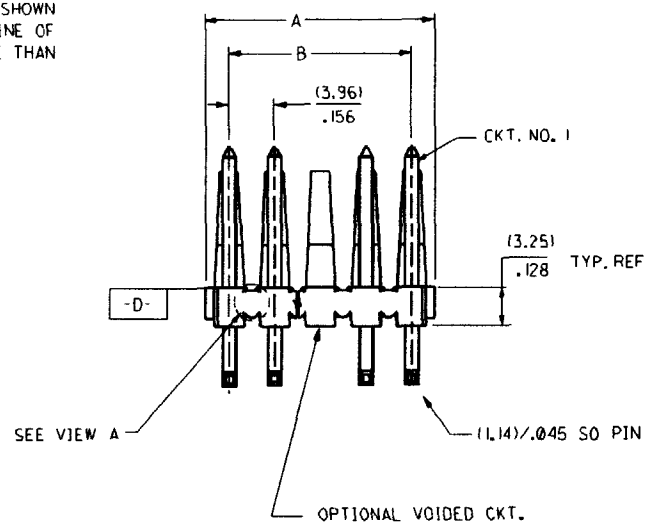
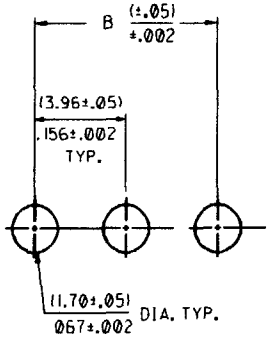


(1.3) .05 CENTERLINE OF PIN IN AREA SHOWN NOT TO VARY FORM CENTERLINE OF PIN AT DATUM -D- BY MORE THAN .005 IN ANY DIRECTION

(1.3) .05 CENTERLINE OF PIN IN AREA SHOWN NOT TO VARY FORM CENTERLINE OF PIN AT DATUM -D- BY MORE THAN .008 IN ANY DIRECTION







PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS:
(1.57±.18)/.062±.007

A-41672- * N* * -*

PACKAGING AND OPTIONS
NO. OF CKTS
PIN DIMENSIONS
VOID LOCATIONS
BLANK=NO VOIDS
NO.=CKT. NO. VOIDED
MULT. VOIDS START WITH 51
PLATING

B	A	CIRCUIT
(3.96) .156	(6.78 / 7.87) .267 / .310	2
(7.92) .312	(10.74 / 11.84) .423 / .466	3
(11.89) .468	(14.71 / 15.80) .579 / .622	4
(15.85) .624	(18.67 / 19.76) .735 / .778	5
(19.81) .780	(22.63 / 23.72) .891 / .934	6
(23.77) .936	(26.59 / 27.69) 1.047 / 1.090	7
(27.74) 1.092	(30.56 / 31.65) 1.203 / 1.246	8
(31.70) 1.248	(34.52 / 35.61) 1.359 / 1.402	9
(35.66) 1.404	(38.48 / 39.57) 1.515 / 1.558	10
(39.62) 1.560	(42.44 / 43.54) 1.671 / 1.714	11
(43.59) 1.716	(46.41 / 47.50) 1.827 / 1.870	12
(47.55) 1.872	(50.37 / 51.46) 1.983 / 2.026	13
(51.51) 2.028	(54.33 / 55.42) 2.139 / 2.182	14
(55.47) 2.184	(58.29 / 59.39) 2.295 / 2.338	15
(59.44) 2.340	(62.26 / 63.35) 2.451 / 2.494	16
(63.40) 2.496	(66.22 / 67.31) 2.607 / 2.650	17
(67.36) 2.652	(70.18 / 71.27) 2.763 / 2.806	18
(71.32) 2.808	(74.14 / 75.23) 2.919 / 2.962	19
(75.29) 2.964	(78.11 / 79.20) 3.075 / 3.118	20
(79.25) 3.120	(82.07 / 83.16) 3.231 / 3.274	21
(83.21) 3.276	(86.03 / 87.12) 3.387 / 3.430	22
(87.17) 3.432	(89.94 / 91.08) 3.541 / 3.586	23
(91.14) 3.588	(93.85 / 95.00) 3.695 / 3.740	24

NOTES:

2. SOLDERABILITY: WHEN PARTS ARE SOLDERED AT A TEMPERATURE OF (230°C) OR 446° F FOR 5 SECONDS EACH SOLDERED SURFACE SHALL BE A MINIMUM OF 95% COVERED WITH A SMOOTH CONTINUOUS ADHERENT COATING. FOR OTHER INFORMATION SEE SMES-152
3. PIN PUSH OUT FORCE: PRIOR TO SOLDERING, A 3 LB MINIMUM FORCE (IN EITHER DIRECTION) SHALL BE REQUIRED TO PUSH THE PIN OUT OF THE HEADER.
4. MATERIAL: HEADER GLASS FILLED POLYESTER, 94V-0, MOLDED BLACK
5. THIS PART CONFORMS TO PRODUCT SPEC PS-08-50
6. PARTS ARE STACKABLE END TO END ON .156 CENTERS. (SPACING TABS MUST BE REMOVED ON CIRCUIT SIZES 1 THROUGH 23 BEFORE PARTS ARE STACKABLE.)

PLATINGS: PIN MATERIAL: BRASS FOR ADDITIONAL INFORMATION SEE SDES-88.

(102) TIN .000200 MIN. OVER COPPER.
(567) SELECT GOLD 15 M.I. MIN
SELECT TIN/LEAD 100 M.I. MIN
NICKEL OVERALL
(569) SELECT GOLD 30 M.I. MIN
SELECT TIN/LEAD 100 M.I. MIN
NICKEL OVERALL

MOLES01936

LTR.	REVISIONS	LTR.	REVISIONS
		Z	REV ANC TYPO UCR2001-0039 T-17-00 SAMIEC

DIMENSIONS SHOWN IN (METRIC) INCH
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGLES ± 1/2°

	INCH	METRIC
3 PLACE	±.010	
2 PLACE	±.014	±0.25
1 PLACE		±0.36

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DRAWN BY SAMIEC | CHKD BY PATEL | APPD BY LENZ | SCALE :

▽ = 0 ▼ = 0 REVISE ONLY ON CAD SYSTEM

TITLE: BREAKAWAY HEADER ASSEMBLY .156¢ FRICTION LOCK RIGHT ANG. 41672 SERIES DWG.

MOLEX INCORPORATED LISLE, ILL. 60532 U.S.A. | SHEET NO. 1 OF 4 | DATE 07/22/85

PART NO. SEE CHART | DRWG. NO. SDA-41672

FILE NAME S41672X1 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | REV. KK | SIZE C

MFG.	SH.	REV.
	4	Y
	3	Z
	2	Y2
	1	Z

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ENG. NUMBERS	PIN NUMBER	PLT	DIM L	DIM X	DIM G GOLD	DIM Y	DIM Z	DIM T TIN	ANG W		
A-41672-ANA102-*	2161-37(102)	102	(27.9) 1.100	(11.4) .450	( ) N/A	(5.41) .213	(5.38) .212	( ) OVERALL	90°	-	
A-41672-BNA567-*	43294-0569	567	(27.9) 1.100	(11.4) .450	(6.86) .270	(5.41) .213	(5.38) .212	(4.83) .190	90°	-	
A-41672-BNA569-*	43294-0570	569	(27.9) 1.100	(11.4) .450	(6.86) .270	(5.41) .213	(5.38) .212	(4.83) .190	90°	-	
	-		( )	( )	( )	( )	( )	( )		-	
	-		( )	( )	( )	( )	( )	( )		-	

A-41672-ANA102-*

EDP NO.	ENG. NO.	VOIDS
26-48-1026	-A2A102	
26-48-1036	-A3A102	
26-48-1046	-A4A102	
26-48-1056	-A5A102	
26-48-1066	-A6A102	
26-48-1076	-A7A102	
26-48-1086	-A8A102	
26-48-1096	-A9A102	
26-48-1106	-A10A102	
26-48-1116	-A11A102	
26-48-1126	-A12A102	
26-48-1136	-A13A102	
26-48-1146	-A14A102	
26-48-1156	-A15A102	
26-48-1166	-A16A102	
26-48-1176	-A17A102	
26-48-1186	-A18A102	
26-48-1196	-A19A102	
26-48-1206	-A20A102	
26-48-1216	-A21A102	
26-48-1226	-A22A102	
26-48-1236	-A23A102	
26-48-1246	-A24A102	
26-50-4051	-A5A102-51	2,4
41672-0047	-A2A102-1	1
41672-0174	-A23A102-51	18,20, 22
26-50-4042	-A4A102-2	2
26-50-4061	-A6A102-4	4
26-50-4043	-A4A102-3	3
26-50-4062	-A6A102-5	5
41672-0048	-A9A102-51	2,3,4, 6,7,8
41672-0049	-A14A102-12	12
26-50-4102	-A10A102-5	5
26-50-4072	-A7A102-2	2

A-41672-ANA102-*

EDP NO.	ENG. NO.	VOIDS
41672-0175	-A11A102-2	2

A-41672-BNA567-*

EDP NO.	ENG. NO.	VOIDS
41672-0001	-B02A567	
41672-0002	-B03A567	
41672-0003	-B04A567	
41672-0004	-B05A567	
41672-0005	-B06A567	
41672-0006	-B07A567	
41672-0007	-B08A567	
41672-0008	-B09A567	
41672-0009	-B10A567	
41672-0010	-B11A567	
41672-0011	-B12A567	
41672-0012	-B13A567	
41672-0013	-B14A567	
41672-0014	-B15A567	
41672-0015	-B16A567	
41672-0016	-B17A567	
41672-0017	-B18A567	
41672-0018	-B19A567	
41672-0019	-B20A567	
41672-0020	-B21A567	
41672-0021	-B22A567	
41672-0022	-B23A567	
41672-0023	-B24A567	

A-41672-BNA569-*

EDP NO.	ENG. NO.	VOIDS
41672-0024	-B02A569	
41672-0025	-B03A569	
41672-0026	-B04A569	
41672-0027	-B05A569	
41672-0028	-B06A569	
41672-0029	-B07A569	
41672-0030	-B08A569	
41672-0031	-B09A569	
41672-0032	-B10A569	
41672-0033	-B11A569	
41672-0034	-B12A569	
41672-0035	-B13A569	
41672-0036	-B14A569	
41672-0037	-B15A569	
41672-0038	-B16A569	
41672-0039	-B17A569	
41672-0040	-B18A569	
41672-0041	-B19A569	
41672-0042	-B20A569	
41672-0043	-B21A569	
41672-0044	-B22A569	
41672-0045	-B23A569	
41672-0046	-B24A569	

EDP NO.	ENG. NO.	VOIDS

ALL PARTS WITHOUT VOIDS ON THIS SHEET ARE STANDARD PRODUCT

	SEE SHEET 1	Y	SEE SHEET 1
	SEE SHEET 1	S8	SEE SHEET 1
	SEE SHEET 1	K1	SEE SHEET 1
	SEE SHEET 1	K	SEE SHEET 1
	SEE SHEET 1	F3	SEE SHEET 1
Y2	SEE SHEET 1	F2	SEE SHEET 1
Y1	SEE SHEET 1	F1	SEE SHEET 1
LTR.	REVISIONS	LTR.	REVISIONS

DIMENSIONS SHOWN (METRIC) INCH
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGLE ±1° ± 1/2°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

	INCH	METRIC
3 PLACE	±	
2 PLACE	±	±
1 PLACE		±

DRAWN BY SAMIEC | CHK'D BY PATEL | APPD BY LENZ | SCALE :

▽ = Ø ▼ = Ø REVISE ONLY ON CAD SYSTEM

TITLE: BREAKAWAY HEADER ASSEMBLY .156¢ FRICTION LOCK RIGHT ANG. 41672 SERIES DWG.

MOLEX INCORPORATED LISLE, ILL. 60532 U.S.A. | SHEET NO. 2 | DATE 07/25/85

PART NO. SEE CHART | DWG. NO. SDA-41672

FILE NAME S41672X2

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

REV. KK | SIZE C

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ENG. NUMBERS	PIN NUMBER	PLT	DIM L	DIM X	DIM G GOLD	DIM Y	DIM Z	DIM T TIN	ANG W		
A-41672-ANA501-*	2161-3715011	501	(27.94) 1.100	(11.43) .450	( ) OVERALL	(5.41) .213	(5.38) .212	( ) N/A	90°	-	
A-41672-ANC102-*	2161-3711102	102	(27.94) 1.100	(13.28) .523	( ) N/A	(5.41) .213	(3.45) .136	( ) OVERALL	90°	-	
A-41672-ANA122-*	2161-3711122	122	(27.94) 1.100	(11.43) .450	( ) N/A	(5.41) .213	(5.38) .212	( ) OVERALL	90°	-	
A-41672-ANA503-*	2161-3715033	503	(27.94) 1.100	(11.43) .450	( ) OVERALL	(5.41) .213	(5.38) .212	( ) N/A	90°	-	
A-41672-ANB102-*	2161-6411022	102	(29.85) 1.175	(13.28) .523	( ) N/A	(5.51) .217	(5.26) .207	( ) OVERALL	90°	-	

A-41672-ANA501-*

EDP NO.	ENG. NO.	VOIDS
26-48-2026	-A2A501	
26-48-2036	-A3A501	
26-48-2046	-A4A501	
26-48-2056	-A5A501	
26-48-2066	-A6A501	
26-48-2076	-A7A501	
26-48-2086	-A8A501	
26-48-2096	-A9A501	
26-48-2106	-A10A501	
26-48-2116	-A11A501	
26-48-2126	-A12A501	
26-48-2136	-A13A501	
26-48-2146	-A14A501	
26-48-2156	-A15A501	
26-48-2166	-A16A501	
26-48-2176	-A17A501	
26-48-2186	-A18A501	
26-48-2196	-A19A501	
26-48-2206	-A20A501	
26-48-2216	-A21A501	
26-48-2226	-A22A501	
26-48-2236	-A23A501	
26-48-2246	-A24A501	
26-50-4121	-A12A501-51	4,6
26-49-7063	-A6A501-5	5

A-41672-ANC102-*

EDP NO.	ENG. NO.	VOIDS
26-58-2021	-A2C102	
41672-0050	-A3C102	
26-58-2041	-A4C102	
41672-0051	-A5C102	
41672-0052	-A6C102	
41672-0053	-A7C102	
26-58-2081	-A8C102	
41672-0054	-A9C102	
41672-0055	-A10C102	
41672-0056	-A11C102	
41672-0057	-A12C102	
41672-0058	-A13C102	
41672-0059	-A14C102	
41672-0060	-A15C102	
41672-0061	-A16C102	
41672-0062	-A17C102	
41672-0063	-A18C102	
41672-0064	-A19C102	
41672-0065	-A20C102	
41672-0066	-A21C102	
41672-0067	-A22C102	
41672-0068	-A23C102	
26-58-2241	-A24C102	
26-50-4141	-A14C102-51	2,4,8 12

A-41672-ANA122-*

EDP NO.	ENG. NO.	VOIDS
41672-0069	-A2A122	
26-58-2030	-A3A122	
26-58-2040	-A4A122	
41672-0070	-A5A122	
26-58-2060	-A6A122	
26-58-2070	-A7A122	
41672-0071	-A8A122	
41672-0072	-A9A122	
41672-0073	-A10A122	
41672-0074	-A11A122	
41672-0075	-A12A122	
41672-0076	-A13A122	
41672-0077	-A14A122	
41672-0078	-A15A122	
41672-0079	-A16A122	
41672-0080	-A17A122	
41672-0081	-A18A122	
41672-0082	-A19A122	
41672-0083	-A20A122	
41672-0084	-A21A122	
41672-0085	-A22A122	
41672-0086	-A23A122	
41672-0087	-A24A122	

A-41672-ANA503-*

EDP NO.	ENG. NO.	VOIDS
41672-0088	-A2A503	
41672-0089	-A3A503	
41672-0090	-A4A503	
41672-0091	-A5A503	
41672-0092	-A6A503	
41672-0093	-A7A503	
41672-0094	-A8A503	
41672-0095	-A9A503	
26-58-6101	-A10A503	
41672-0096	-A11A503	
26-58-6121	-A12A503	
41672-0097	-A13A503	
41672-0098	-A14A503	
41672-0099	-A15A503	
41672-0100	-A16A503	
41672-0101	-A17A503	
41672-0102	-A18A503	
41672-0103	-A19A503	
41672-0104	-A20A503	
41672-0105	-A21A503	
26-58-6221	-A22A503	
41672-0106	-A23A503	
41672-0107	-A24A503	

A-41672-ANB102-*

EDP NO.	ENG. NO.	VOIDS
26-48-6024	-A2B102	
26-48-6034	-A3B102	
26-48-6044	-A4B102	
26-48-6054	-A5B102	
26-48-6064	-A6B102	
26-48-6074	-A7B102	
26-48-6084	-A8B102	
26-48-6094	-A9B102	
26-48-6104	-A10B102	
26-48-6114	-A11B102	
26-48-6124	-A12B102	
26-48-6134	-A13B102	
26-48-6144	-A14B102	
26-48-6154	-A15B102	
26-48-6164	-A16B102	
26-48-6174	-A17B102	
26-48-6184	-A18B102	
26-48-6194	-A19B102	
26-48-6204	-A20B102	
26-48-6214	-A21B102	
26-48-6224	-A22B102	
26-48-6234	-A23B102	
26-48-6244	-A24B102	
26-50-4041	-A4B102-3	3
41672-0108	-A3B102-3	3
26-50-4181	-A18B102-13	13
26-50-4182	-A18B102-9	9
26-50-4101	-A10B102-7	7
26-50-4183	-A18B102-51	4,11
26-50-4184	-A18B102-52	3,14
26-50-4185	-A18B102-53	4,11, 14

LTR.	REVISIONS	LTR.	REVISIONS
	SEE SHEET 1		SEE SHEET 1
	SEE SHEET 1		SEE SHEET 1
	SEE SHEET 1	Z	SEE SHEET 1
	SEE SHEET 1	Y	SEE SHEET 1
	SEE SHEET 1	W12	SEE SHEET 1
	SEE SHEET 1	W9	SEE SHEET 1
	SEE SHEET 1	W8	SEE SHEET 1

DIMENSIONS SHOWN ARE IN [INCH]
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°

	INCH	METRIC
3 PLACE	±	
2 PLACE	±	±
1 PLACE		±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DRWN BY SAMJEC | CHK'D BY PATEL | APPR'D BY LENZ | SCALE :

▽ = 0 ▼ = 0 REVISE ONLY ON CAD SYSTEM

TITLE
BREAKAWAY HEADER ASSEMBLY
.156¢ FRICTION LOCK RIGHT ANG.
41672 SERIES DWG.

MOLEX INCORPORATED | SHEET NO. 3 | DATE 07/25/85

PART NO. SEE CHART | DWG. NO. SDA-41672

TITLE BLOCK 541672X3 | REV. KK | SIZE C

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

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