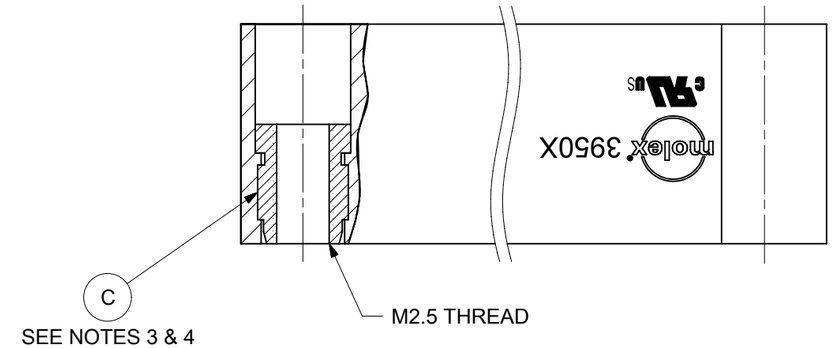
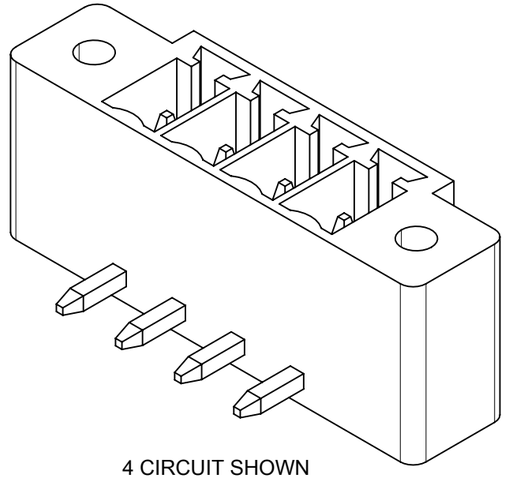
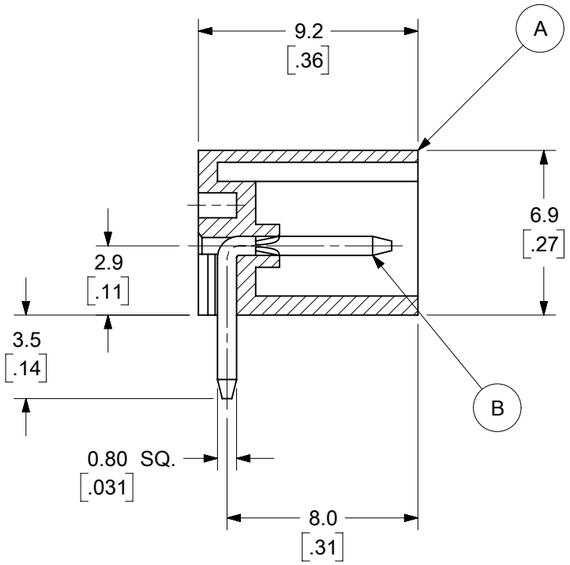
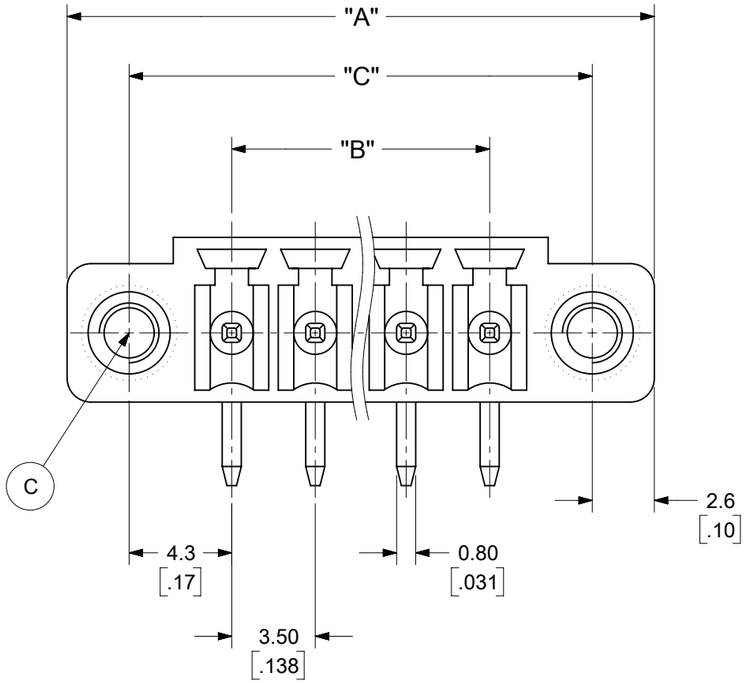
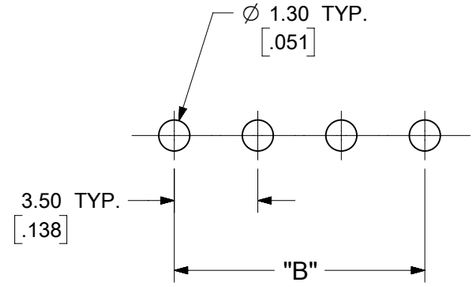




4 CIRCUIT SHOWN







PCB LAYOUT

SPECIFICATIONS:

1. MATERIAL:
   (A). BODY: PA66, UL 94V-0
   (B). TERMINAL: BRASS - TIN PLATED
   (C). THREADED INSERT: BRASS
2. ELECTRICAL RATING: 300V, 8A
3. MAX TORQUE: 1.59 in.lbs. (0.18NM)
4. MINIMUM INSERT RETENTION: 22 lbf (98N)
5. OPERATING TEMPERATURE: -40°C to +105°C
6. MAX. SOLDERING TEMP: 260°C (500°F) FOR 5 SECONDS
7. DIM A (OVERALL LENGTH)= (N x P) + 10.3mm
8. DIM B (CIRCUIT LENGTH)= (N - 1) x P
9. DIM C (MOUNTING HOLES)= (B + 8.6mm)
10. P (PITCH) = 3.50mm (.138")
11. N = NUMBER OF POSITIONS AVAILABLE 2 THROUGH 20
12. PRODUCT SPEC: PS-39500-001
13. SEE DRAWING SD-39501-002 FOR PTH INFO
14. DIMS. SHOWN ARE FOR REFERENCE ONLY.

TOLERANCES			
MM	TOL	INCH	TOL
0-6	±0.25	0-.24	±.010
>6-30	±0.40	.24-1.18	±.016
>30-120	±0.50	1.18-4.76	±.020
>120	±0.80	>4.76	±.031

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FUNCTIONAL SYMBOLS: EA = 0; EC = 0; EP = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS: MM/INCH

SCALE: 4:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± SEE CHART
2 PLACES	± SEE CHART	± SEE CHART
1 PLACE	± SEE CHART	± ---
0 PLACES	± ---	± ---
ANGULAR TOL	± ---	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: MODIFIED MOLEX LOGO

EC NO: 808103

DRWN:	ABENJAMINLW	2024/04/03
CHK'D:	DACHAMMER	2024/12/20
APPR:	JFMURPHY	2025/01/06

INITIAL REVISION:

DRWN:	LROTHAUS	2006/01/09
APPR:	JPAWLICK	2006/01/10

THIRD ANGLE PROJECTION

DRAWING: B-SIZE

SERIES: 39506

MATERIAL NUMBER: SEE SHEET-2

CUSTOMER: GENERAL MARKET

SHEET NUMBER: 1 OF 2

molex

3.5MM, EURO HEADER
RIGHT ANGLE, MOUNTING ENDS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-39506-001	PSD	001	C

DOCUMENT STATUS	P1	RELEASE DATE	2025/01/06 21:45:42

FORMAT: Eng-lega-master-tb-prod-B
REVISION: E1
DATE: 2021/05/01

DESCRIPTION	CIRCUIT SIZE	MATERIAL NUMBERS: BLACK 100% TIN PRINTING OPTIONS None	10AV	11AV	BLACK 30 u" GOLD PRINTING OPTIONS None	10AV	11AV	GREEN 100% TIN PRINTING OPTIONS None	10AV	11AV	GREEN 30 u" GOLD PRINTING OPTIONS None	10AV	11AV	DIMENSIONAL INFORMATION DIM. "A" mm	inch	DIM. "B" mm	inch	DIM. "C" mm	inch
3.5MM, EURO HEADER, RIGHT ANGLE, MOUNTING ENDS	2	395061002	395061102	395061202	395061502	395061602	395061702	395066002	395066102	395066202	395066502	395066602	395066702	17.30	.681	3.50	.138	12.10	.476
3.5MM, EURO HEADER, RIGHT ANGLE, MOUNTING ENDS	3	395061003	395061103	395061203	395061503	395061603	395061703	395066003	395066103	395066203	395066503	395066603	395066703	20.80	.819	7.00	.276	15.60	.614
3.5MM, EURO HEADER, RIGHT ANGLE, MOUNTING ENDS	4	395061004	395061104	395061204	395061504	395061604	395061704	395066004	395066104	395066204	395066504	395066604	395066704	24.30	.957	10.50	.413	19.10	.752
3.5MM, EURO HEADER, RIGHT ANGLE, MOUNTING ENDS	5	395061005	395061105	395061205	395061505	395061605	395061705	395066005	395066105	395066205	395066505	395066605	395066705	27.80	1.094	14.00	.551	22.60	.890
3.5MM, EURO HEADER, RIGHT ANGLE, MOUNTING ENDS	6	395061006	395061106	395061206	395061506	395061606	395061706	395066006	395066106	395066206	395066506	395066606	395066706	31.30	1.232	17.50	.689	26.10	1.028
3.5MM, EURO HEADER, RIGHT ANGLE, MOUNTING ENDS	7	395061007	395061107	395061207	395061507	395061607	395061707	395066007	395066107	395066207	395066507	395066607	395066707	34.80	1.370	21.00	.827	29.60	1.165
3.5MM, EURO HEADER, RIGHT ANGLE, MOUNTING ENDS	8	395061008	395061108	395061208	395061508	395061608	395061708	395066008	395066108	395066208	395066508	395066608	395066708	38.30	1.508	24.50	.965	33.10	1.303
3.5MM, EURO HEADER, RIGHT ANGLE, MOUNTING ENDS	9	395061009	395061109	395061209	395061509	395061609	395061709	395066009	395066109	395066209	395066509	395066609	395066709	41.80	1.646	28.00	1.102	36.60	1.441
3.5MM, EURO HEADER, RIGHT ANGLE, MOUNTING ENDS	10	395061010	395061110	395061210	395061510	395061610	395061710	395066010	395066110	395066210	395066510	395066610	395066710	45.30	1.783	31.50	1.240	40.10	1.579
3.5MM, EURO HEADER, RIGHT ANGLE, MOUNTING ENDS	11	395061011	395061111	395061211	395061511	395061611	395061711	395066011	395066111	395066211	395066511	395066611	395066711	48.80	1.921	35.00	1.378	43.60	1.717
3.5MM, EURO HEADER, RIGHT ANGLE, MOUNTING ENDS	12	395061012	395061112	395061212	395061512	395061612	395061712	395066012	395066112	395066212	395066512	395066612	395066712	52.30	2.059	38.50	1.516	47.10	1.854
3.5MM, EURO HEADER, RIGHT ANGLE, MOUNTING ENDS	13	395061013	395061113	395061213	395061513	395061613	395061713	395066013	395066113	395066213	395066513	395066613	395066713	55.80	2.197	42.00	1.654	50.60	1.992
3.5MM, EURO HEADER, RIGHT ANGLE, MOUNTING ENDS	14	395061014	395061114	395061214	395061514	395061614	395061714	395066014	395066114	395066214	395066514	395066614	395066714	59.30	2.335	45.50	1.791	54.10	2.130
3.5MM, EURO HEADER, RIGHT ANGLE, MOUNTING ENDS	15	395061015	395061115	395061215	395061515	395061615	395061715	395066015	395066115	395066215	395066515	395066615	395066715	62.80	2.472	49.00	1.929	57.60	2.268
3.5MM, EURO HEADER, RIGHT ANGLE, MOUNTING ENDS	16	395061016	395061116	395061216	395061516	395061616	395061716	395066016	395066116	395066216	395066516	395066616	395066716	66.30	2.610	52.50	2.067	61.10	2.406
3.5MM, EURO HEADER, RIGHT ANGLE, MOUNTING ENDS	17	395061017	395061117	395061217	395061517	395061617	395061717	395066017	395066117	395066217	395066517	395066617	395066717	69.80	2.748	56.00	2.205	64.60	2.543
3.5MM, EURO HEADER, RIGHT ANGLE, MOUNTING ENDS	18	395061018	395061118	395061218	395061518	395061618	395061718	395066018	395066118	395066218	395066518	395066618	395066718	73.30	2.886	59.50	2.343	68.10	2.681
3.5MM, EURO HEADER, RIGHT ANGLE, MOUNTING ENDS	19	395061019	395061119	395061219	395061519	395061619	395061719	395066019	395066119	395066219	395066519	395066619	395066719	76.80	3.024	63.00	2.480	71.60	2.819
3.5MM, EURO HEADER, RIGHT ANGLE, MOUNTING ENDS	20	395061020	395061120	395061220	395061520	395061620	395061720	395066020	395066120	395066220	395066520	395066620	395066720	80.30	3.161	66.50	2.618	75.10	2.957

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DIMENSION UNITS: MM/INCH
SCALE: 2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
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3 PLACES	± ---	± SEE CHART
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1 PLACE	± SEE CHART	± ---
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ANGULAR TOL	± ---	

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CHK'D: DACHAMMER 2024/12/20
APPR: JFMURPHY 2025/01/06

INITIAL REVISION:
DRWN: LROTHAUS 2006/01/09
APPR: JPAWLICK 2006/01/10

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 39506

molex

3.5MM, EURO HEADER
RIGHT ANGLE, MOUNTING ENDS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-39506-001	PSD	001	C

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2025/01/06 21:45:42

FORMAT: Eng-lega-master-tb-prod-B
REVISION: E1
DATE: 2021/05/01