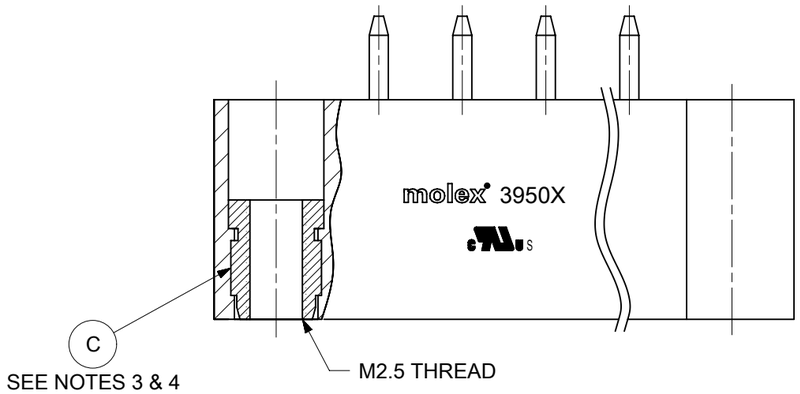
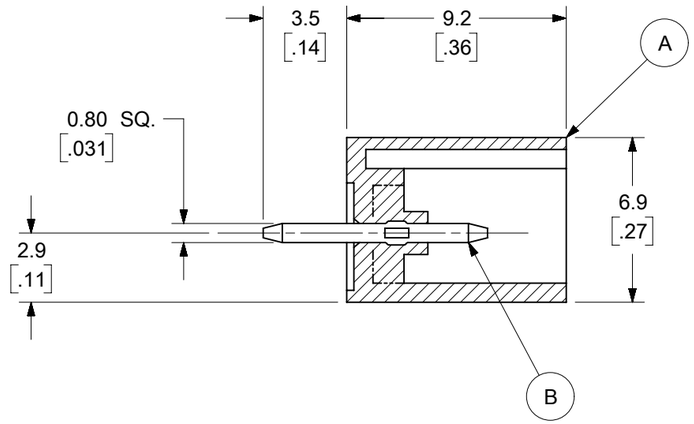
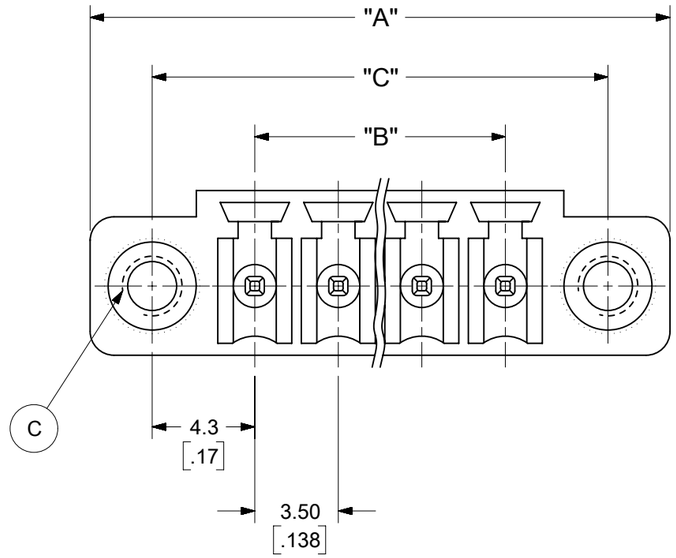
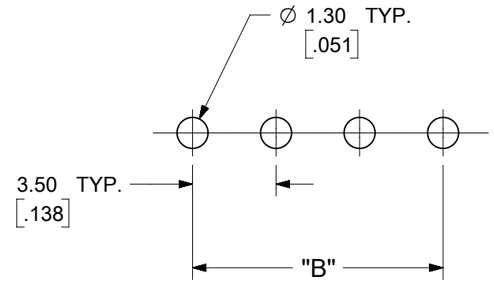








PCB LAYOUT

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

DOCUMENT STATUS	P1	RELEASE DATE	2019/07/08 15:51:02

FORMAT: Eng-legal-portrait-prod-B
REVISION: D
DATE: 2018/01/18

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SYMBOLS: = 0

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: MIGRATION TO ECTR/NX

EC NO: 619929
DRWN: ABENJAMINLW 2019/06/12
CHK'D: DACHAMMER 2019/07/01
APPR: JFMURPHY 2019/07/08

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

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 39505

molex

3.5MM, EURO HEADER
VERTICAL, MOUNTING ENDS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-39505-001	PSD	001	B2

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET-2	GENERAL MARKET	1 OF 2

DESCRIPTION	CIRCUIT SIZE	MATERIAL NUMBERS												DIMENSIONAL INFORMATION					
		BLACK						GREEN											
		100% TIN			30 u" GOLD			100% TIN			30 u" GOLD								
		PRINTING OPTIONS			PRINTING OPTIONS			PRINTING OPTIONS			PRINTING OPTIONS			DIM. "A"		DIM. "B"		DIM. "C"	
		None	10AV	11AV	None	10AV	11AV	None	10AV	11AV	None	10AV	11AV	mm	inch	mm	inch	mm	inch
3.5MM, EURO HEADER, VERTICAL, MOUNTING ENDS	2	395051002	395051302	395051402	395051502	395051802	395051902	395056002	395056302	395056402	395056502	395056802	395056902	17.30	.681	3.50	.138	12.10	.476
3.5MM, EURO HEADER, VERTICAL, MOUNTING ENDS	3	395051003	395051303	395051403	395051503	395051803	395051903	395056003	395056303	395056403	395056503	395056803	395056903	20.80	.819	7.00	.276	15.60	.614
3.5MM, EURO HEADER, VERTICAL, MOUNTING ENDS	4	395051004	395051304	395051404	395051504	395051804	395051904	395056004	395056304	395056404	395056504	395056804	395056904	24.30	.957	10.50	.413	19.10	.752
3.5MM, EURO HEADER, VERTICAL, MOUNTING ENDS	5	395051005	395051305	395051405	395051505	395051805	395051905	395056005	395056305	395056405	395056505	395056805	395056905	27.80	1.094	14.00	.551	22.60	.890
3.5MM, EURO HEADER, VERTICAL, MOUNTING ENDS	6	395051006	395051306	395051406	395051506	395051806	395051906	395056006	395056306	395056406	395056506	395056806	395056906	31.30	1.232	17.50	.689	26.10	1.028
3.5MM, EURO HEADER, VERTICAL, MOUNTING ENDS	7	395051007	395051307	395051407	395051507	395051807	395051907	395056007	395056307	395056407	395056507	395056807	395056907	34.80	1.370	21.00	.827	29.60	1.165
3.5MM, EURO HEADER, VERTICAL, MOUNTING ENDS	8	395051008	395051308	395051408	395051508	395051808	395051908	395056008	395056308	395056408	395056508	395056808	395056908	38.30	1.508	24.50	.965	33.10	1.303
3.5MM, EURO HEADER, VERTICAL, MOUNTING ENDS	9	395051009	395051309	395051409	395051509	395051809	395051909	395056009	395056309	395056409	395056509	395056809	395056909	41.80	1.646	28.00	1.102	36.60	1.441
3.5MM, EURO HEADER, VERTICAL, MOUNTING ENDS	10	395051010	395051310	395051410	395051510	395051810	395051910	395056010	395056310	395056410	395056510	395056810	395056910	45.30	1.783	31.50	1.240	40.10	1.579
3.5MM, EURO HEADER, VERTICAL, MOUNTING ENDS	11	395051011	395051311	395051411	395051511	395051811	395051911	395056011	395056311	395056411	395056511	395056811	395056911	48.80	1.921	35.00	1.378	43.60	1.717
3.5MM, EURO HEADER, VERTICAL, MOUNTING ENDS	12	395051012	395051312	395051412	395051512	395051812	395051912	395056012	395056312	395056412	395056512	395056812	395056912	52.30	2.059	38.50	1.516	47.10	1.854
3.5MM, EURO HEADER, VERTICAL, MOUNTING ENDS	13	395051013	395051313	395051413	395051513	395051813	395051913	395056013	395056313	395056413	395056513	395056813	395056913	55.80	2.197	42.00	1.654	50.60	1.992
3.5MM, EURO HEADER, VERTICAL, MOUNTING ENDS	14	395051014	395051314	395051414	395051514	395051814	395051914	395056014	395056314	395056414	395056514	395056814	395056914	59.30	2.335	45.50	1.791	54.10	2.130
3.5MM, EURO HEADER, VERTICAL, MOUNTING ENDS	15	395051015	395051315	395051415	395051515	395051815	395051915	395056015	395056315	395056415	395056515	395056815	395056915	62.80	2.472	49.00	1.929	57.60	2.268
3.5MM, EURO HEADER, VERTICAL, MOUNTING ENDS	16	395051016	395051316	395051416	395051516	395051816	395051916	395056016	395056316	395056416	395056516	395056816	395056916	66.30	2.610	52.50	2.067	61.10	2.406
3.5MM, EURO HEADER, VERTICAL, MOUNTING ENDS	17	395051017	395051317	395051417	395051517	395051817	395051917	395056017	395056317	395056417	395056517	395056817	395056917	69.80	2.748	56.00	2.205	64.60	2.543
3.5MM, EURO HEADER, VERTICAL, MOUNTING ENDS	18	395051018	395051318	395051418	395051518	395051818	395051918	395056018	395056318	395056418	395056518	395056818	395056918	73.30	2.886	59.50	2.343	68.10	2.681
3.5MM, EURO HEADER, VERTICAL, MOUNTING ENDS	19	395051019	395051319	395051419	395051519	395051819	395051919	395056019	395056319	395056419	395056519	395056819	395056919	76.80	3.024	63.00	2.480	71.60	2.819
3.5MM, EURO HEADER, VERTICAL, MOUNTING ENDS	20	395051020	395051320	395051420	395051520	395051820	395051920	395056020	395056320	395056420	395056520	395056820	395056920	80.30	3.161	66.50	2.618	75.10	2.957

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SYMBOLS: = 0 (5 places)

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DIMENSION UNITS: MM/INCH | SCALE: 2:1

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4 PLACES	±	±
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0 PLACES	±	±
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THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 39505

molex

3.5MM, EURO HEADER
VERTICAL, MOUNTING ENDS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-39505-001	PSD	001	B2

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

DOCUMENT STATUS	P1	RELEASE DATE	2019/07/08 15:51:02

FORMAT: Eng-lega-master-tb-prod-B
REVISION: D
DATE: 2018/01/18