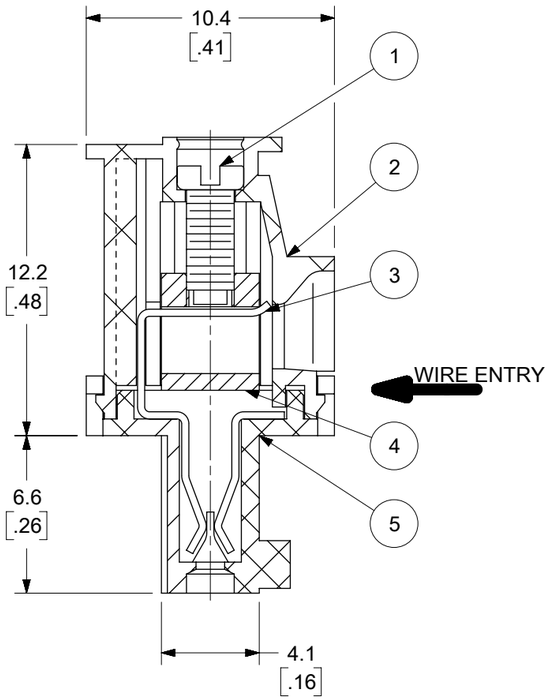

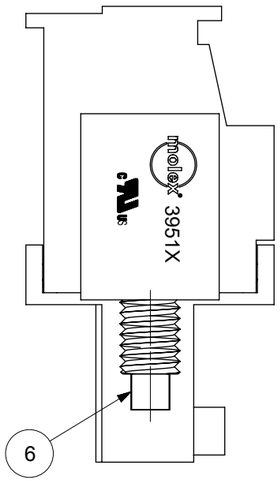

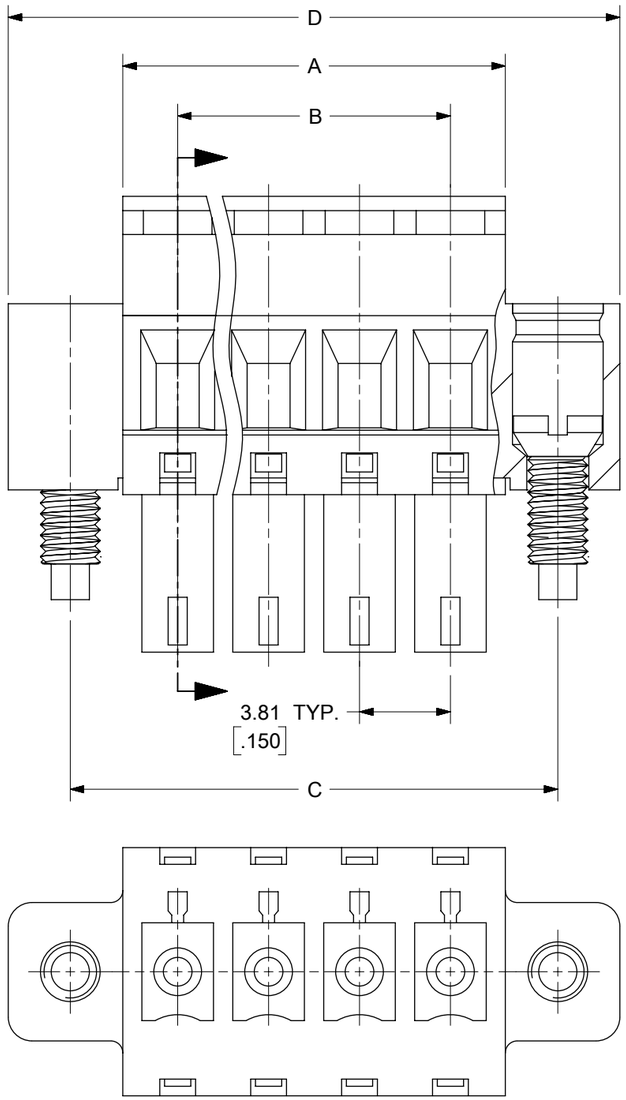

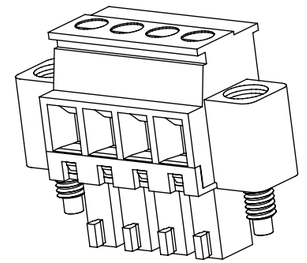

4 CIRCUIT SHOWN

SPECIFICATIONS: (E)

1. MATERIAL:
   (1). SCREW: ZINC PLATED STEEL
   (2). BODY: PA 66 (UL94-V0)
   (3). TERMINAL: TIN PLATED PHOSPHOR BRONZE
   (4). CAGE: NICKEL PLATED BRASS
   (5). COVER: PA 66 (UL94-V0)
   (6). SCREW: ZINC PLATED STEEL
2. PRODUCT SPECIFICATION: PS-39500-001
3. WIRE RANGE: 30 - 16 AWG
4. TORQUE: 2 IN-LBS.
5. WIRE STRIP LENGTH: 6.50/.256
6. NUMBER OF CIRCUIT POSITIONS AVAILABLE = 2 THROUGH 20

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

FUNCTIONAL SYMBOLS
(EA)= 0
(EC)= 0
(EP)= 0
DIVISIONAL SYMBOLS

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

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: UPDATED
MATERIAL/PLATING NOTES FOR ITEMS 1-6.
UPDATED MOLEX LATEST TITLE BLOCK

EC NO: 833839
DRWN: MARUTD 2025/09/02
CHK'D: DACHAMMER 2025/09/10
APPR: HKNEELAND 2025/09/15

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

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 39517

molex

3.81MM EURO TERM BLOCK
VERT. PLUG FRONT WIRE ENTRY, MOUNTING ENDS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-39517-001	PSD	001	E

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

DOCUMENT STATUS	P1	RELEASE DATE	2025/09/15 21:55:16

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

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"		DIM. "D"	
	None	10AV	11AV	None	10AV	11AV	None	10AV	11AV	None	10AV	11AV	mm	inch	mm	inch	mm	inch	mm	inch
2	395173002	395173302	395173402	395173502	395173802	395173902	395178002	395178302	395178402	395178502	395178802	395178902	8.4	.33	3.81	.150	1.28	.50	18.0	.71
3	395173003	395173303	395173403	395173503	395173803	395173903	395178003	395178303	395178403	395178503	395178803	395178903	12.2	.48	7.62	.300	16.6	.65	21.8	.86
4	395173004	395173304	395173404	395173504	395173804	395173904	395178004	395178304	395178404	395178504	395178804	395178904	16.0	.63	11.43	.450	20.4	.80	25.6	1.01
5	395173005	395173305	395173405	395173505	395173805	395173905	395178005	395178305	395178405	395178505	395178805	395178905	19.8	.78	15.24	.600	24.2	.95	29.4	1.16
6	395173006	395173306	395173406	395173506	395173806	395173906	395178006	395178306	395178406	395178506	395178806	395178906	23.7	.93	19.05	.750	28.1	1.11	33.3	1.31
7	395173007	395173307	395173407	395173507	395173807	395173907	395178007	395178307	395178407	395178507	395178807	395178907	27.5	1.08	22.86	.900	31.9	1.26	37.1	1.46
8	395173008	395173308	395173408	395173508	395173808	395173908	395178008	395178308	395178408	395178508	395178808	395178908	31.3	1.23	26.67	1.050	35.7	1.41	40.9	1.61
9	395173009	395173309	395173409	395173509	395173809	395173909	395178009	395178309	395178409	395178509	395178809	395178909	35.1	1.38	30.48	1.200	39.5	1.56	44.7	1.76
10	395173010	395173310	395173410	395173510	395173810	395173910	395178010	395178310	395178410	395178510	395178810	395178910	38.9	1.53	34.29	1.350	43.3	1.70	48.5	1.91
11	395173011	395173311	395173411	395173511	395173811	395173911	395178011	395178311	395178411	395178511	395178811	395178911	42.7	1.68	38.10	1.500	47.1	1.85	52.3	2.06
12	395173012	395173312	395173412	395173512	395173812	395173912	395178012	395178312	395178412	395178512	395178812	395178912	46.5	1.83	41.91	1.650	50.9	2.00	56.1	2.21
13	395173013	395173313	395173413	395173513	395173813	395173913	395178013	395178313	395178413	395178513	395178813	395178913	50.3	1.98	45.72	1.800	54.7	2.15	59.9	2.36
14	395173014	395173314	395173414	395173514	395173814	395173914	395178014	395178314	395178414	395178514	395178814	395178914	54.1	2.13	49.53	1.950	58.5	2.30	63.7	2.51
15	395173015	395173315	395173415	395173515	395173815	395173915	395178015	395178315	395178415	395178515	395178815	395178915	57.9	2.28	53.34	2.100	62.3	2.45	67.5	2.66
16	395173016	395173316	395173416	395173516	395173816	395173916	395178016	395178316	395178416	395178516	395178816	395178916	61.8	2.43	57.15	2.250	66.2	2.61	71.4	2.81
17	395173017	395173317	395173417	395173517	395173817	395173917	395178017	395178317	395178417	395178517	395178817	395178917	65.6	2.58	60.96	2.400	70.0	2.76	75.2	2.96
18	395173018	395173318	395173418	395173518	395173818	395173918	395178018	395178318	395178418	395178518	395178818	395178918	69.4	2.73	64.77	2.550	73.8	2.91	79.0	3.11
19	395173019	395173319	395173419	395173519	395173819	395173919	395178019	395178319	395178419	395178519	395178819	395178919	73.2	2.88	68.58	2.700	77.6	3.06	82.8	3.26
20	395173020	395173320	395173420	395173520	395173820	395173920	395178020	395178320	395178420	395178520	395178820	395178920	77.0	3.03	72.39	2.850	81.4	3.20	86.6	3.41

NOTE: DIMS GREATER THAN 30mm (1.181in.) HAVE A TOLERANCE OF ±0.5mm (.02in.)

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ANGULAR TOL	± ---	

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molex

3.81MM EURO TERM BLOCK
VERT. PLUG FRONT WIRE ENTRY, MOUNTING ENDS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-39517-001	PSD	001	E

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

DOCUMENT STATUS	P1	RELEASE DATE	2025/09/15 21:55:16

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