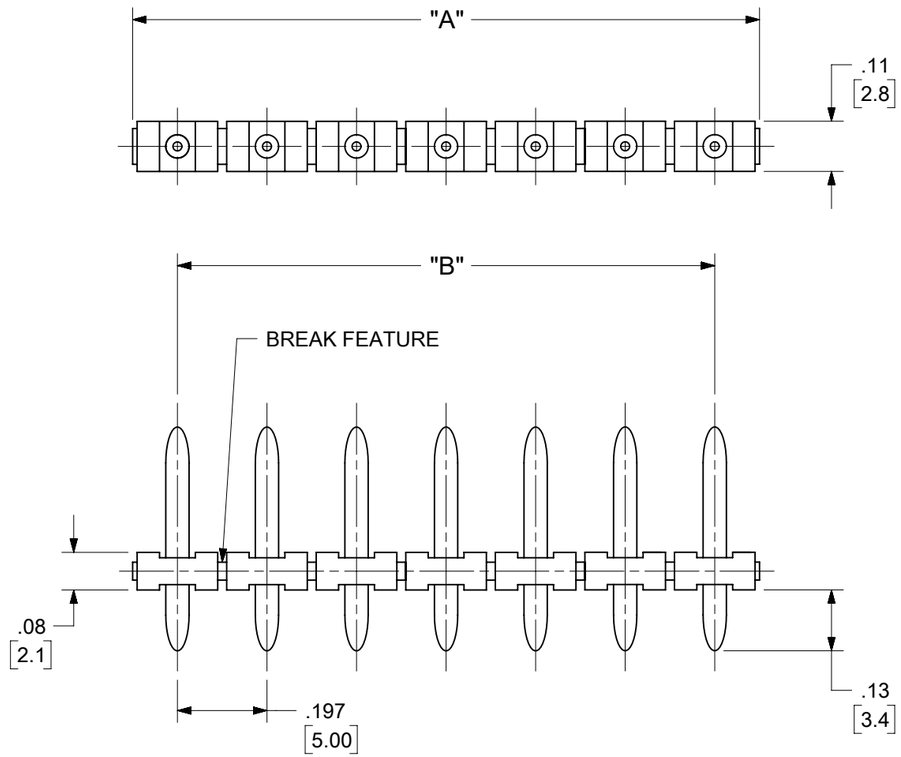

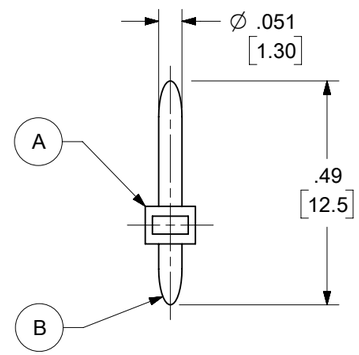

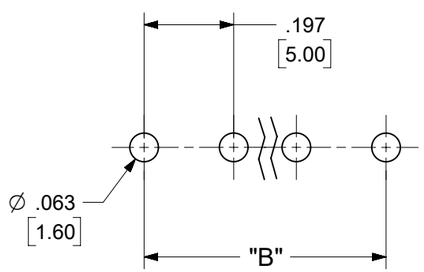

PCB LAYOUT

ENGINEERING NUMBER LEGEND

M450P - 00 - 1 - XX - 3

SERIES
STYLE
PITCH
POLES
COLOR

CONTACT FACTORY FOR OPTIONAL COLORS

PART NUMBER DATA

CIRCUITS	PART NUMBER	ENGINEERING NUMBER	COLOR	DIM. "A"		DIM. "B"	
				IN	mm	IN	mm
2	397560002	M450P-00-1-02-3	GREEN	.39	10.0	.197	5.00
3	397560003	M450P-00-1-03-3	GREEN	.59	15.0	.394	10.00
4	397560004	M450P-00-1-04-3	GREEN	.79	20.0	.591	15.00
5	397560005	M450P-00-1-05-3	GREEN	.98	25.0	.787	20.00
6	397560006	M450P-00-1-06-3	GREEN	1.18	30.0	.984	25.00
7	397560007	M450P-00-1-07-3	GREEN	1.38	35.0	1.181	30.00
8	397560008	M450P-00-1-08-3	GREEN	1.57	40.0	1.378	35.00
9	397560009	M450P-00-1-09-3	GREEN	1.77	45.0	1.575	40.00
10	397560010	M450P-00-1-10-3	GREEN	1.97	50.0	1.772	45.00
11	397560011	M450P-00-1-11-3	GREEN	2.17	55.0	1.969	50.00
12	397560012	M450P-00-1-12-3	GREEN	2.36	60.0	2.165	55.00
13		M450P-00-1-13-3	GREEN	2.56	65.0	2.362	60.00
14	397560014	M450P-00-1-14-3	GREEN	2.76	70.0	2.559	65.00
15		M450P-00-1-15-3	GREEN	2.95	75.0	2.756	70.00
16		M450P-00-1-16-3	GREEN	3.15	80.0	2.953	75.00
17		M450P-00-1-17-3	GREEN	3.35	85.0	3.150	80.00
18		M450P-00-1-18-3	GREEN	3.54	90.0	3.346	85.00
19		M450P-00-1-19-3	GREEN	3.74	95.0	3.543	90.00
20		M450P-00-1-20-3	GREEN	3.94	100.0	3.740	95.00
21		M450P-00-1-21-3	GREEN	4.13	105.0	3.937	100.00
22		M450P-00-1-22-3	GREEN	4.33	110.0	4.134	105.00
23		M450P-00-1-23-3	GREEN	4.53	115.0	4.331	110.00
24		M450P-00-1-24-3	GREEN	4.72	120.0	4.528	115.00
25		M450P-00-1-25-3	GREEN	4.92	125.0	4.724	120.00
26		M450P-00-1-26-3	GREEN	5.12	130.0	4.921	125.00
27		M450P-00-1-27-3	GREEN	5.31	135.0	5.118	130.00
28		M450P-00-1-28-3	GREEN	5.51	140.0	5.315	135.00
29		M450P-00-1-29-3	GREEN	5.71	145.0	5.512	140.00
30		M450P-00-1-30-3	GREEN	5.91	150.0	5.709	145.00

REF. THE LAST 2 DIGITS OF THE PART NUMBER EQUAL CIRCUIT COUNT

SPECIFICATIONS

1. MATERIAL:
   (A). BODY: PA66, UL94V-0
   (B). TERMINAL: BRASS. TIN PLATED
2. RATING: 300V, 10A
3. OPERATING TEMPERATURE: -40°C TO +105°C
4. MAX SOLDERING: 260°C (+500° F) FOR 5 SECONDS
5. 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

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

FUNCTIONAL SYMBOLS: E/A = 0, E/C = 0, E/P = 0
DIVISIONAL SYMBOLS

DIMENSION UNITS: INCH/MM
SCALE: 3:1

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: REDRAWN TO NX. ADDED PN 397610014

EC NO: 750471
DRWN: ABENJAMINLW 2023/05/19
CHK'D: DACHAMMER 2023/05/22
APPR: JFMURPHY 2023/05/23

INITIAL REVISION:
DRWN: RSTONE 2014/07/28
APPR: JFMURPHY 2014/10/16

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 39756

molex

PIN HEADER BREAKABLE
5.00MM, VERTICAL 1.30MM PIN DIA

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-39756-001	PSD	001	A2

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2023/05/23 14:09:26

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