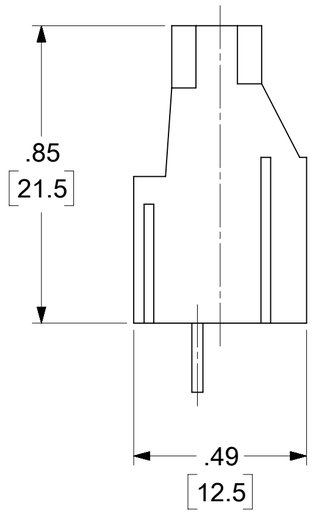
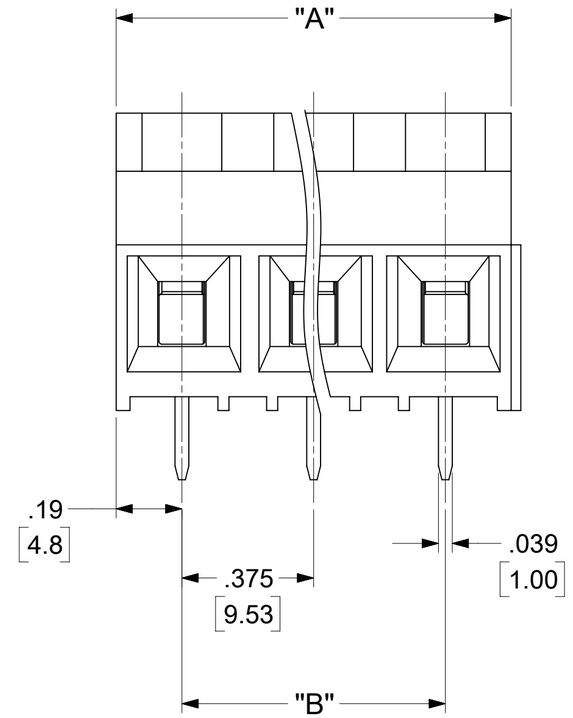
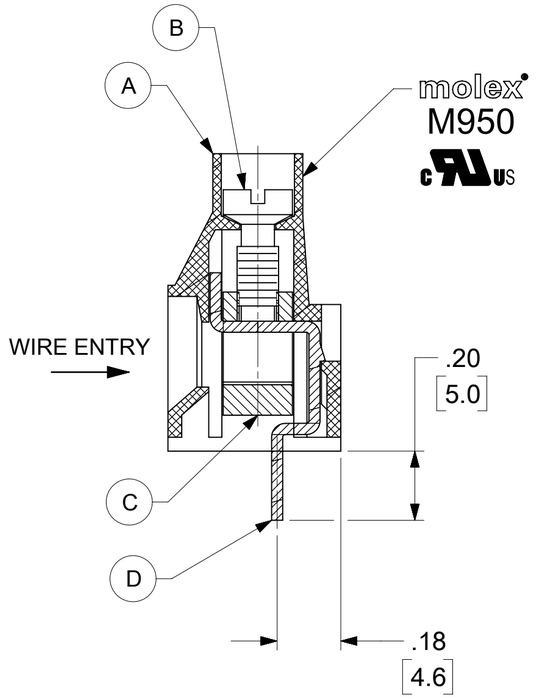
CIRCUIT SIZE	PART NUMBER DATA				DIMENSIONAL INFORMATION			
	BLACK COLOR		GREEN COLOR		DIM. "A"		DIM. "B"	
	PART NUMBER	ENGINEERING NUMBER	PART NUMBER	ENGINEERING NUMBER	IN	mm	IN	mm
2	397465002	M950-02-02-1	397460002	M950-02-02-3	.75	19.1	.375	9.53
3	397465003	M950-02-03-1	397460003	M950-02-03-3	1.13	28.6	.750	19.05
4	397465004	M950-02-04-1	397460004	M950-02-04-3	1.50	38.1	1.125	28.58

REF. LAST 2 DIGITS OF PART NUMBER EQUAL CIRCUIT COUNT



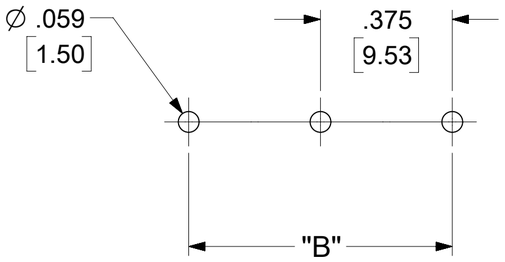




ENGINEERING NUMBER LEGEND

M950 - 02 - XX - X

- M950 — SERIES
- 02 — STYLE
- XX — POLES
- X — COLOR: 1 = BLACK, 3 = GREEN



PCB LAYOUT

SPECIFICATIONS

1. MATERIAL:
   - A. BODY:PA66, UL94 V-0
   - B. SCREW: M3, STEEL ZINC PLATED
   - C. CAGE: BRASS, NICKEL PLATED
   - D. TERMINAL: BRASS, TIN PLATED
2. RATING: 300V, 30A
3. MAX TORQUE: 4.5 LBF. IN.
4. WIRE RANGE: 30-10 AWG
5. WIRE STRIP: .31 IN, (8.0mm)
6. DIELECTRIC VOLTAGE WITHSTAND: AC 2500V FOR 1 MINUTE.
7. INSULATION RESISTANCE: DC 500V, 500MΩ
8. RATED IMPULSE VOLTAGE: 4000V, PLUS AND MINUS 5 TIMES EACH
9. OPERATING TEMPERATURE: -40°C TO +105°C
10. MAX. SOLDERING TEMP: 250°C (500°F) FOR 5 SECONDS
11. 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

SYMBOLS	
FA = 0	
FC = 0	
FB = 0	
S = 0	
= 0	
C = 0	
= 0	
= 0	
C = 0	

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

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: ADDED BLACK PART NUMBERS

EC NO: 628063

DRWN:	ABENJAMINLW	2019/11/25
CHK'D:	DACHAMMER	2019/12/06
APPR:	JFMURPHY	2019/12/12

INITIAL REVISION:

DRWN:	RSTONE	2014/06/27
APPR:	JFMURPHY	2014/10/16

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 39746

molex

EURO TERMINAL BLOCK
9.53MM MODULAR VERTICAL

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-39746-001	PSD	001	A2

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

DOCUMENT STATUS	P1	RELEASE DATE	2019/12/12 00:18:41

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