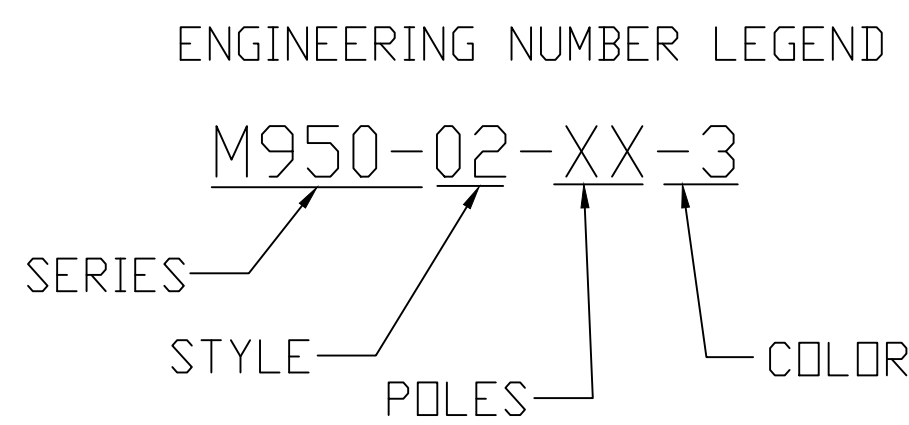## PART NUMBER DATA

CIRCUITS	PART NUMBER	ENGINEERING NUMBER	COLOR	A IN	mm	B IN	mm
2	397460002	M950-02-02-3	GREEN	.75	19.1	.375	9.53
3	397460003	M950-02-03-3	GREEN	1.13	28.6	.750	19.05
4	397460004	M950-02-04-3	GREEN	1.50	38.1	1.125	28.58

REF. LAST 2 DIGITS OF PART NUMBER EQUAL CIRCUIT COUNT

.85
21.5

.49
12.5

.19
4.8

.039
1.00

.375
9.53

A

B

molex
M950

cULus

WIRE ENTRY

.20
5.0

.18
4.6

ENGINEERING NUMBER LEGEND

M950-02-XX-3

SERIES
STYLE
POLES
COLOR
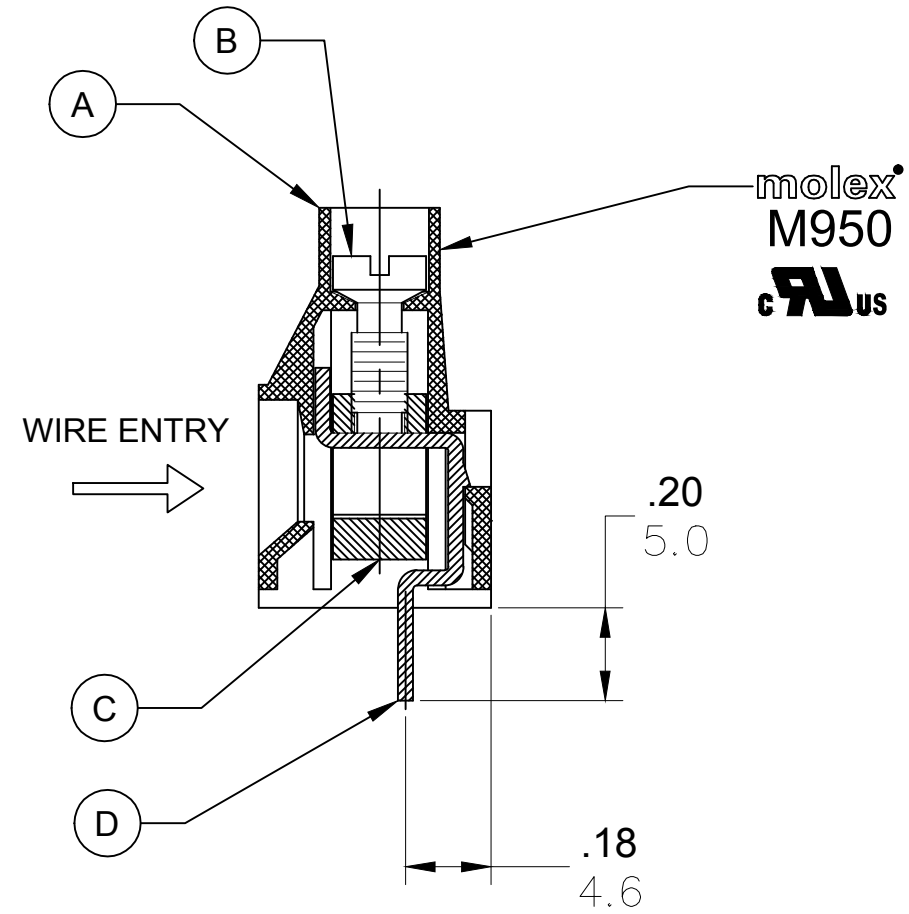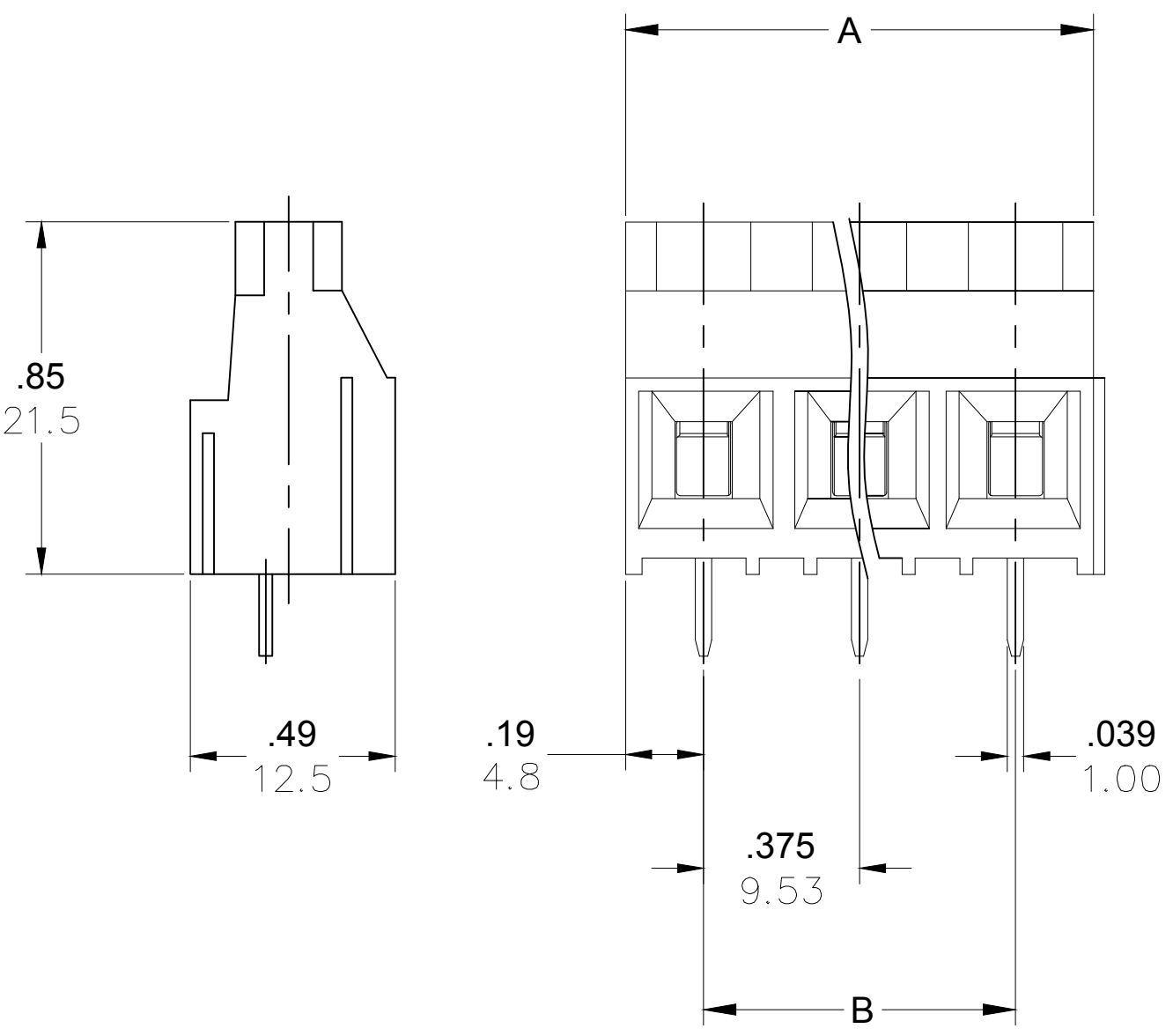
CONTACT FACTORY FOR OPTIONAL COLORS

Ø.059
1.50

.375
9.53

B
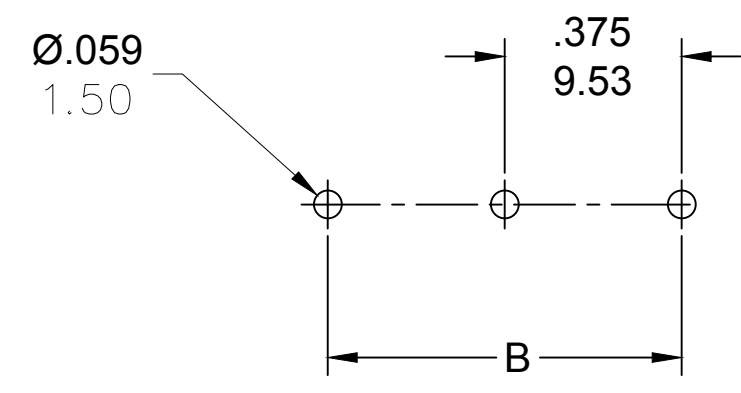
PCB LAYOUT

SPECIFICATIONS:

1. MATERIAL:

   A. BODY: PA66, UL94 V-0
   B. SCREW: M3, STEEL ZINC PLATED
   C. CAGE: BRASS, NI 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

REVISED DOC TOL
EC NO: IPG2017-0881
DRWN: ABENJAMI   4/6/17
CHKD: ---
APPR: BRUPERT   2014/10/16
REV   A1

GENERAL TOLERANCES (UNLESS SPECIFIED)

QUALITY SYMBOL		mm	INCH
▼ =0	4 PLACES	±---	±---
ⓒ =0	3 PLACES	±---	±---
	2 PLACES	±---	±---
	1 PLACE	±---	±---
	ANGULAR ±---°		

DIMENSION STYLE	IN/MM
SCALE	---
DESIGN UNITS	METRIC

THIRD ANGLE PROJECTION

DRAWN BY	RSTONE
DATE	2014/06/27
CHECKED BY	G FARNSW
DATE	----
APPROVED BY	JFMURPHY
DATE	2014/10/16

TITLE
EURO TERMINAL BLOCK
9.53MM MODULAR
VERTICAL

molex   MOLEX INCORPORATED

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

MATERIAL NO.   SEE CHART

DOCUMENT NO.   SD-39746-001

SHEET NO.   1 OF 1

SIZE   C