

SPECIFICATIONS

1. MATERIAL:
 - A. SCREW: STEEL, M3, ZINC PLATED
 - B. CONTACT : BRONZE, TIN PLATED
 - C. CAGE: BRASS, NICKEL PLATED
 - D. BODY : PA66, UL94 V-0
 - E. COVER: PA66, UL94 V-0
2. WIRE SIZE: 30-12AWG
3. ELECTRICAL RATING: 18A, 300V MAX. PER UL ^(A3)
4. POWER-FREQUENCY WITHSTAND: AC 2500V/1MIN.
5. INSULATION RESISTANCE: DC500V 500MΩ OR ABOVE
6. RATED IMPULSE VOLTAGE: 4000V/MINUS AND PLUS 5 TIMES EACH
7. WIRE STRIP LENGTH: .28 IN. (7.0mm)
8. SCREW TORQUE: 5.0 IN LBS. (0.56 N.M)
9. OPERATING TEMPERATURE: -40°C TO +105°C
10. 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

FUNCTIONAL SYMBOLS FA = 0 FC = 0 FP = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: MODIFIED ELECTRICAL RATING	
	DIMENSION UNITS INCH/MM	SCALE 4:1		
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 645316	
	4 PLACES ± --- ± ---	MM INCH	DRWN: ABENJAMINLW	2020/09/14
	3 PLACES ± --- ± SEE CHART		CHK'D: DACHAMMER	2020/09/14
	2 PLACES ± SEE CHART ± SEE CHART		APPR: JFMURPHY	2020/09/23
	1 PLACE ± SEE CHART ± ---		INITIAL REVISION:	
	0 PLACES ± --- ± ---		DRWN: RSTONE	2014/02/27
	ANGULAR TOL ± ---		APPR: JFMURPHY	2014/10/16
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES
			C-SIZE	39706
DOCUMENT STATUS		DOCUMENT NUMBER	CUSTOMER	SHEET NUMBER
P1	RELEASE DATE 2020/09/23 23:54:05	SD-39706-001	GENERAL MARKET	1 OF 2
		DOC TYPE	DOC PART	REVISION
		PSD	001	A3

molex

PLUGGABLE TERMINAL BLOCK
7.62MM (.300) PITCH VERTICAL, FRONT FACING

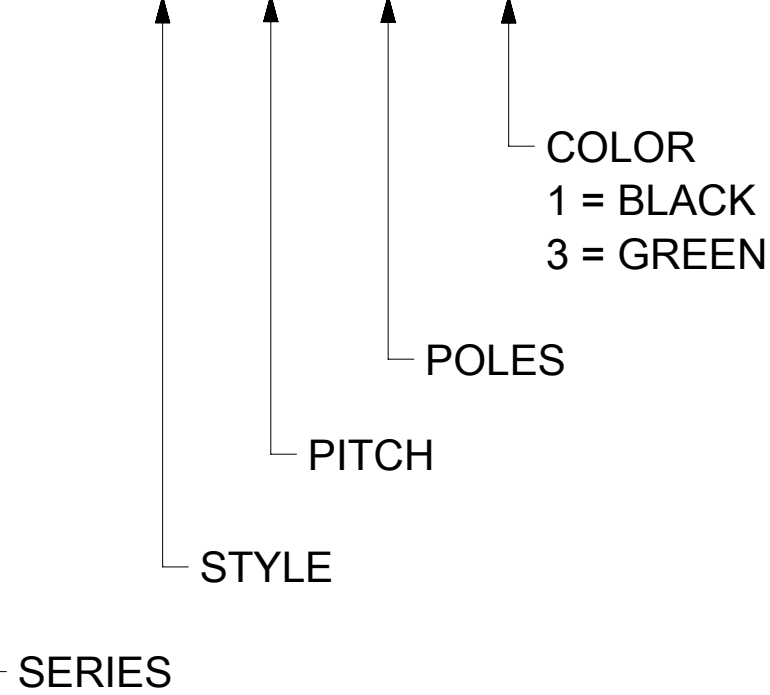
PRODUCT CUSTOMER DRAWING

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	397065002	M750B-05-5-02-1	397060002	M750B-05-5-02-3	.52	13.2	.300	7.62
3	397065003	M750B-05-5-03-1	397060003	M750B-05-5-03-3	.82	20.8	.600	15.24
4	397065004	M750B-05-5-04-1	397060004	M750B-05-5-04-3	1.12	28.4	.900	22.86
5	397065005	M750B-05-5-05-1	397060005	M750B-05-5-05-3	1.42	36.1	1.200	30.48
6	397065006	M750B-05-5-06-1	397060006	M750B-05-5-06-3	1.72	43.7	1.500	38.10
7	397065007	M750B-05-5-07-1	397060007	M750B-05-5-07-3	2.02	51.3	1.800	45.72
8	397065008	M750B-05-5-08-1	397060008	M750B-05-5-08-3	2.32	58.9	2.100	53.34
9	397065009	M750B-05-5-09-1	397060009	M750B-05-5-09-3	2.62	66.5	2.400	60.96
10	397065010	M750B-05-5-10-1	397060010	M750B-05-5-10-3	2.92	74.2	2.700	68.58
11	397065011	M750B-05-5-11-1	397060011	M750B-05-5-11-3	3.22	81.8	3.000	76.20
12	397065012	M750B-05-5-12-1	397060012	M750B-05-5-12-3	3.52	89.4	3.300	83.82

REF. LAST 2 DIGITS OF PART NUMBER EQUALS CIRCUIT COUNT

ENGINEERING NUMBER LEGEND

M750B - 05 - 5 - XX - X



FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
	DIMENSION UNITS	SCALE		CURRENT REV DESC: MODIFIED ELECTRICAL RATING						molex	
$\frac{F}{A} = 0$	INCH/MM	2:1		EC NO: 645316							
$\frac{F}{C} = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)			DRWN: ABENJAMINLW 2020/09/14						7.62MM (.300) PITCH VERTICAL, FRONT FACING	
$\frac{F}{P} = 0$	4 PLACES		± --- ± ---	CHK'D: DACHAMMER 2020/09/14						PRODUCT CUSTOMER DRAWING	
DIVISIONAL SYMBOLS	3 PLACES		± --- ± SEE CHART	APPR: JFMURPHY 2020/09/23						DOCUMENT NUMBER	
	2 PLACES		± SEE CHART ± SEE CHART	INITIAL REVISION:						SD-39706-001	
	1 PLACE		± SEE CHART ± ---	DRWN: RSTONE 2014/02/27						DOC TYPE DOC PART REVISION	
	0 PLACES		± --- ± ---	APPR: JFMURPHY 2014/10/16						PSD 001 A3	
ANGULAR TOL			± ---	THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER CUSTOMER SHEET NUMBER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						C-SIZE		39706		SEE CHART GENERAL MARKET 2 OF 2	