



SPECIFICATIONS

1. MATERIAL:
- (A). BODY: NYLON (PA66), UL94 V-0, COLOR: SEE SHEET-2
  - (B). SCREW: STEEL, M2.5, ZINC PLATED
  - (C). CONTACT: BRASS, NICKEL PLATED
  - (D). TERMINAL BLOCK: BRASS, TIN PLATED
2. WIRE RATING: 22-14 AWG
3. ELECTRICAL RATING: 300V, 15A
4. POWER-FREQUENCY WITHSTAND: AC 2500V/1 MIN
5. INSULATION RESISTANCE: DC500V 500MΩ OR ABOVE
6. RATED IMPULSE VOLTAGE: 4000V/MINUS AND PLUS 5 TIMES EACH
7. WIRE STRIP LENGTH: 7.0mm [.28inch]
8. SCREW TORQUE (MAX): 0.34 N.m (3.0 lbf.in)
9. OPERATING TEMPERATURE: -40°C TO +105°C
10. NUMBER OF CIRCUITS: 2 TO 24, SEE SHEET-2

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	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: MIGRATED TO ECTR/NX & ADDED PCB LAYOUT			<div>molex</div>		
	MM/INCH		4:1							
	<div><div>F</div><div>A</div></div> = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)				EURO TERMINAL BLOCK 5.00MM (.197) PITCH PC MOUNT, LOW PROFILE			
	<div><div>F</div><div>C</div></div> = 0									
	<div><div>F</div><div>D</div></div> = 0		MM		INCH		PRODUCT CUSTOMER DRAWING			
	4 PLACES ± --- ± ---		EC NO: 637366							
	3 PLACES ± --- ± ---		SEE CHART		DRWN: ABENJAMINLW 2020/04/14 CHK'D: DACHAMMER 2020/05/18 APPR: JFMURPHY 2020/05/29					
	2 PLACES ± SEE CHART ± SEE CHART		SEE CHART							
	1 PLACE ± SEE CHART ± ---		INITIAL REVISION: DRWN: LROTHAUS 2006/01/09 APPR: JPAWLICK 2006/01/10			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
0 PLACES ± --- ± ---		SD-39543-004				PSD	001	B2		
DIVISIONAL SYMBOLS	ANGULAR TOL ± ---		THIRD ANGLE PROJECTION			DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									

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