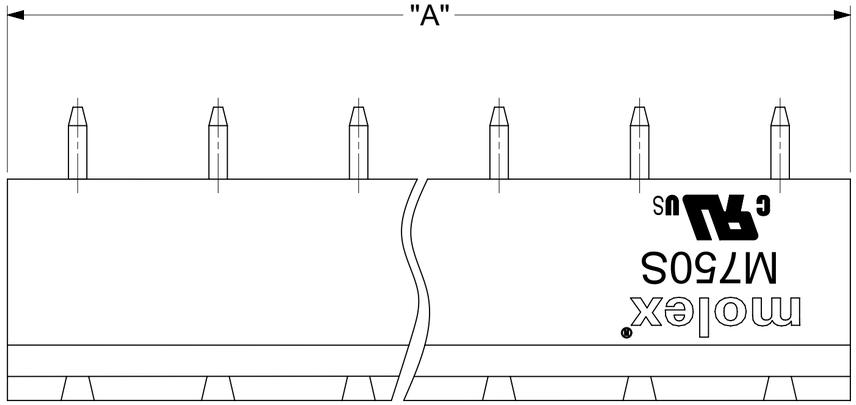

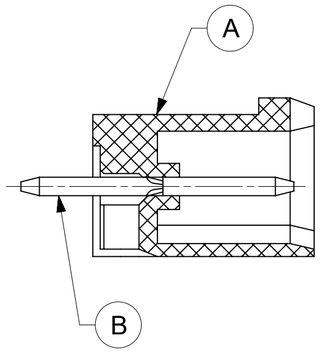

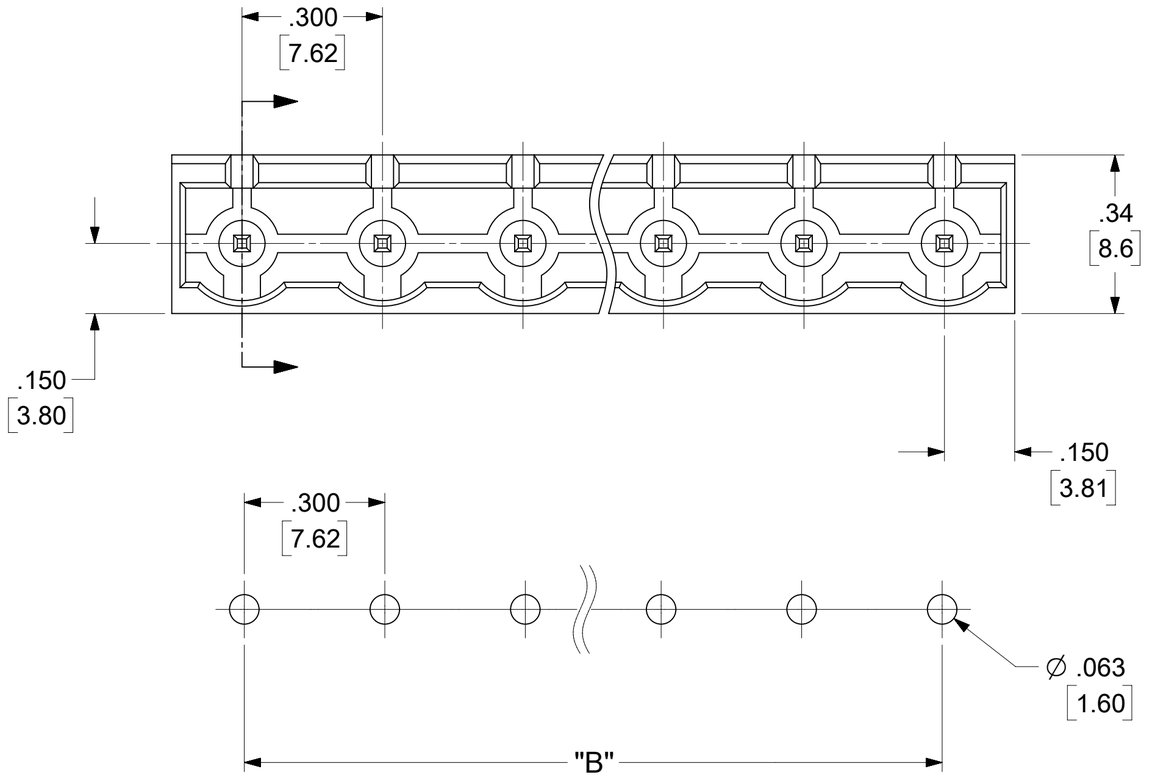

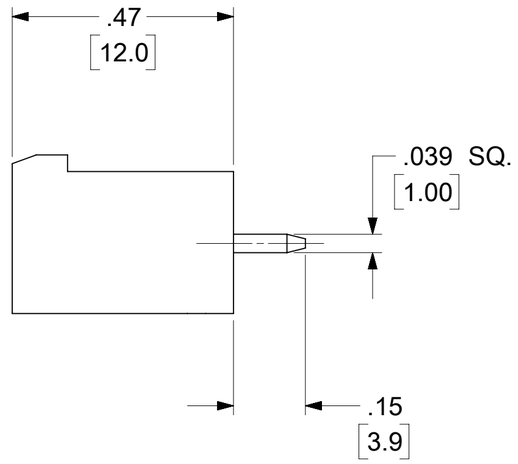

PCB LAYOUT

SPECIFICATIONS

1. MATERIAL:
   A. BODY: PA66, UL94 V-0
   B. TERMINAL: BRASS, TIN PLATED
2. ELECTRICAL RATING: 15A AT 51-150V, 10A AT 151-300V
3. OPERATING TEMPERATURE: -40°C TO +105°C
4. DIELECTRIC VOLTAGE WITHSTAND: AC 2500V FOR 1 MINUTE.
5. INSULATION RESISTANCE: DC500V, 500MΩ
6. RATED IMPULSE VOLTAGE: 4000V, PLUS AND MINUS 5 TIMES EACH
7. MAX. SOLDERING TEMPERATURE: +260°C FOR 5 SEC.
8. MATES WITH TERMINAL PLUG SERIES: 39704
9. 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	
A = 0	
C = 0	
F = 0	
S = 0	
= 0	
C = 0	
= 0	
= 0	
= 0	

DIMENSION UNITS: INCH/MM | SCALE: 4:1

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

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

CURRENT REV DESC: ADDED BLACK PART NUMBER

EC NO: 628063
DRWN: ABENJAMINLW 2019/11/25
CHK'D: DACHAMMER 2019/12/06
APPR: JFMURPHY 2019/12/12

INITIAL REVISION:
DRWN: RSTONE 2014/01/30
APPR: JFMURPHY 2014/10/16

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 39724 | MATERIAL NUMBER: SEE SHEET-2 | CUSTOMER: GENERAL MARKET | SHEET NUMBER: 1 OF 2

molex

7.62MM EURO HEADER
VERTICAL, CLOSED END

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-39724-001	PSD	001	A2

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

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

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	397245002	M750S-03-5-02-1	397240002	M750S-03-5-02-3	.60	15.2	.300	7.62
3	397245003	M750S-03-5-03-1	397240003	M750S-03-5-03-3	.90	22.9	.600	15.24
4	397245004	M750S-03-5-04-1	397240004	M750S-03-5-04-3	1.20	30.5	.900	22.86
5	397245005	M750S-03-5-05-1	397240005	M750S-03-5-05-3	1.50	38.1	1.200	30.48
6	397245006	M750S-03-5-06-1	397240006	M750S-03-5-06-3	1.80	45.7	1.500	38.10
7	397245007	M750S-03-5-07-1	397240007	M750S-03-5-07-3	2.10	53.3	1.800	45.72
8	397245008	M750S-03-5-08-1	397240008	M750S-03-5-08-3	2.40	61.0	2.100	53.34
9	397245009	M750S-03-5-09-1	397240009	M750S-03-5-09-3	2.70	68.6	2.400	60.96
10	397245010	M750S-03-5-10-1	397240010	M750S-03-5-10-3	3.00	76.2	2.700	68.58
11	397245011	M750S-03-5-11-1	397240011	M750S-03-5-11-3	3.30	83.8	3.000	76.20
12	397245012	M750S-03-5-12-1	397240012	M750S-03-5-12-3	3.60	91.4	3.300	83.82

A2

REF. LAST 2 DIGITS OF PART NUMBER EQUALS CIRCUIT COUNT

ENGINEERING NUMBER LEGEND

M750S - 03 - 5 - XX - X

- SERIES
- STYLE
- PITCH
- POLES
- COLOR
  - 1 = BLACK
  - 3 = GREEN

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
= 0

DIMENSION UNITS: INCH/MM
SCALE: 2:1

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

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EC NO: 628063
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APPR: JFMURPHY 2019/12/12

INITIAL REVISION:
DRWN: RSTONE 2014/01/30
APPR: JFMURPHY 2014/10/16

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 39724

molex

7.62MM EURO HEADER
VERTICAL, CLOSED END

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-39724-001	PSD	001	A2

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	2 OF 2

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

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

39724-0006 39724-0004 39724-0008 39724-0003 39724-0010 39724-0011 39724-0012 39724-0007 39724-0005 39724-0002 39724-0009