



REF. LAST 2 DIGITS OF PART NUMBER EQUALS CIRCUIT COUNT

M753B-00-2-XX-3

COLOR
POSITIONS
PITCH
STYLE
SERIES

SPECIFICATIONS:

1. MATERIAL:
 - A. BLOCK: STEEL ZINC PLATED
 - B. SCREW: M2.5, STEEL ZINC PLATED
 - C. BODY: PA66 UL94 V-0
 - D. CAM: STAINLESS STEEL
 - E. COVER: PA66 UL94 V-0
 - F. TERMINAL: BRASS TIN PLATED
 - G. MOUNTING SCREW: M2.5, STEEL ZINC PLATED

2. WIRE SIZE: 30 TO 12AWG

3. RATING: 15A AT 51-150V, 15A AT 151-300V

4. MAX TORQUE: 3.5 IN. LBS. (.4 Nm)

5. WIRE STRIP: .37 (9.5mm)

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. DIMS. GREATER THAN 1.18 (30mm) HAVE A TOLERANCE OF ±.02 (0.5mm)

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

PART NUMBER DATA							
CIRCUITS	PART NUMBER	ENGINEERING NUMBER	COLOR	A IN mm	B IN mm	C IN mm	
2	397110002	M753B-00-2-02-3	GREEN	.79	20.0	.200	5.08 .600 15.24
3	397110003	M753B-00-2-03-3	GREEN	.99	25.0	.400	10.15 .800 20.32
4	397110004	M753B-00-2-04-3	GREEN	1.19	30.1	.600	15.23 1.000 25.40
5	397110005	M753B-00-2-05-3	GREEN	1.39	35.2	.800	20.31 1.200 30.48
6	397110006	M753B-00-2-06-3	GREEN	1.59	40.3	1.000	25.39 1.400 35.56
7	397110007	M753B-00-2-07-3	GREEN	1.79	45.4	1.199	30.46 1.600 40.64
8	397110008	M753B-00-2-08-3	GREEN	1.99	50.4	1.399	35.54 1.800 45.72
9	397110009	M753B-00-2-09-3	GREEN	2.19	55.5	1.599	40.62 2.000 50.80
10	397110010	M753B-00-2-10-3	GREEN	2.39	60.6	1.799	45.70 2.200 55.88
11	397110011	M753B-00-2-11-3	GREEN	2.59	65.7	1.999	50.77 2.400 60.96
12	397110012	M753B-00-2-12-3	GREEN	2.79	70.8	2.199	55.85 2.600 66.04
13		M753B-00-2-13-3	GREEN	2.99	75.8	2.399	60.93 2.800 71.12
14		M753B-00-2-14-3	GREEN	3.19	80.9	2.599	66.01 3.000 76.20
15		M753B-00-2-15-3	GREEN	3.39	86.0	2.799	71.08 3.200 81.28
16	397110016	M753B-00-2-16-3	GREEN	3.59	91.1	2.999	76.16 3.400 86.36
17		M753B-00-2-17-3	GREEN	3.79	96.2	3.198	81.24 3.600 91.44
18		M753B-00-2-18-3	GREEN	3.99	101.2	3.398	86.32 3.800 96.52
19		M753B-00-2-19-3	GREEN	4.19	106.3	3.598	91.39 4.000 101.60
20		M753B-00-2-20-3	GREEN	4.39	111.4	3.798	96.47 4.200 106.68
21		M753B-00-2-21-3	GREEN	4.59	116.5	3.998	101.55 4.400 111.76
22		M753B-00-2-22-3	GREEN	4.79	121.6	4.198	106.63 4.600 116.84
23		M753B-00-2-23-3	GREEN	4.99	126.6	4.398	111.70 4.800 121.92
24		M753B-00-2-24-3	GREEN	5.19	131.7	4.598	116.78 5.000 127.00

SEE SHEET 2 FOR OPTIONAL (BLACK) PART NUMBERS

QUALITY SYMBOL	GENERAL TOLERANCES (UNLESS SPECIFIED)		DRAWN BY RSTONE 2014/03/17	SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	mm	INCH				
▼=0	4 PLACES	±---	4 PLACES	CHECKED BY G FARNW 2014/05/15	APPROVED BY JFMURPHY 2014/10/16	TERMINAL PLUG, 5.08MM HORIZONTAL SCREW WITH MOUNTING ENDS
△=0	3 PLACES	±---	3 PLACES			MOLEX INCORPORATED
△=0	2 PLACES	±---	2 PLACES			
△=0	1 PLACE	±---	1 PLACE			
			ANGULAR ±---°			
			DRAFT WHERE APPLICABLE			
			MUST REMAIN WITHIN DIMENSIONS			
			SEE CHART	DOCUMENT NO. SD-39711-001	SHEET NO. 1 OF 2	
			SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

REF. LAST 2 DIGITS OF PART NUMBER EQUALS CIRCUIT COUNT

PART NUMBER DATA								
CIRCUITS	PART NUMBER	ENGINEERING NUMBER	COLOR	A IN mm	B IN mm	C IN mm		
2	395341002	M753B-00-2-02-1	BLACK	.79	20.0	.200	5.08	.600
3	395341003	M753B-00-2-03-1	BLACK	.99	25.0	.400	10.15	.800
4	395341004	M753B-00-2-04-1	BLACK	1.19	30.1	.600	15.23	1.000
5	395341005	M753B-00-2-05-1	BLACK	1.39	35.2	.800	20.31	1.200
6	395341006	M753B-00-2-06-1	BLACK	1.59	40.3	1.000	25.39	1.400
7	395341007	M753B-00-2-07-1	BLACK	1.79	45.4	1.199	30.46	1.600
8	395341008	M753B-00-2-08-1	BLACK	1.99	50.4	1.399	35.54	1.800
9	395341009	M753B-00-2-09-1	BLACK	2.19	55.5	1.599	40.62	2.000
10	395341010	M753B-00-2-10-1	BLACK	2.39	60.6	1.799	45.70	2.200
11	395341011	M753B-00-2-11-1	BLACK	2.59	65.7	1.999	50.77	2.400
12	395341012	M753B-00-2-12-1	BLACK	2.79	70.8	2.199	55.85	2.600
13		M753B-00-2-13-1	BLACK	2.99	75.8	2.399	60.93	2.800
14		M753B-00-2-14-1	BLACK	3.19	80.9	2.599	66.01	3.000
15		M753B-00-2-15-1	BLACK	3.39	86.0	2.799	71.08	3.200
16	395341016	M753B-00-2-16-1	BLACK	3.59	91.1	2.999	76.16	3.400
17		M753B-00-2-17-1	BLACK	3.79	96.2	3.198	81.24	3.600
18		M753B-00-2-18-1	BLACK	3.99	101.2	3.398	86.32	3.800
19		M753B-00-2-19-1	BLACK	4.19	106.3	3.598	91.39	4.000
20		M753B-00-2-20-1	BLACK	4.39	111.4	3.798	96.47	4.200
21	395341021	M753B-00-2-21-1	BLACK	4.59	116.5	3.998	101.55	4.400
22		M753B-00-2-22-1	BLACK	4.79	121.6	4.198	106.63	4.600
23		M753B-00-2-23-1	BLACK	4.99	126.6	4.398	111.70	4.800
24	395341024	M753B-00-2-24-1	BLACK	5.19	131.7	4.598	116.78	5.000

CONTACT FACTORY FOR OPTIONAL COLORS

RPM-T201741126 EC NO: IPG2018-0054 DRWN: ABENJAM 2017/07/21 CHKD: - APPR: BRUPERT 2014/10/16 B2		DESCRIPTION	QUALITY SYMBOLS ▼=0 △=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		DRAWN BY RSTONE 2014/03/17 CHECKED BY G FARNW 2014/05/15 APPROVED BY JFMURPHY 2014/10/16	TITLE TERMINAL PLUG, 5.08MM HORIZONTAL SCREW WITH MOUNTING ENDS	SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
				mm	INCH	mm	INCH					
4 PLACES	±---	±---										
3 PLACES	±---	±---										
2 PLACES	±---	±---										
1 PLACE	±---	±---										
ANGULAR ±---°												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE CHART		MATERIAL NO. SD-39711-001		DOCUMENT NO. 2 OF 2		SHEET NO.		
B				SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

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