

SPECIFICATION FOR APPROVAL



CUSTOMER : Electronics Source

CUSTOMER P/N :

SME P/N : MCHB0810E-122K-0.45A

EDITION : A.0

DATE : 2019-01-25

DRAWING		
MADE	CHECK	APPROVAL
Lee Jin	Jim	May

CUSTOMER APPROVE

SHANGHAI MEISONGBEI ELECTRONICS CO.,LTD

Add: No.3891 Jinxiu Road, Pudong New District, Shanghai, China

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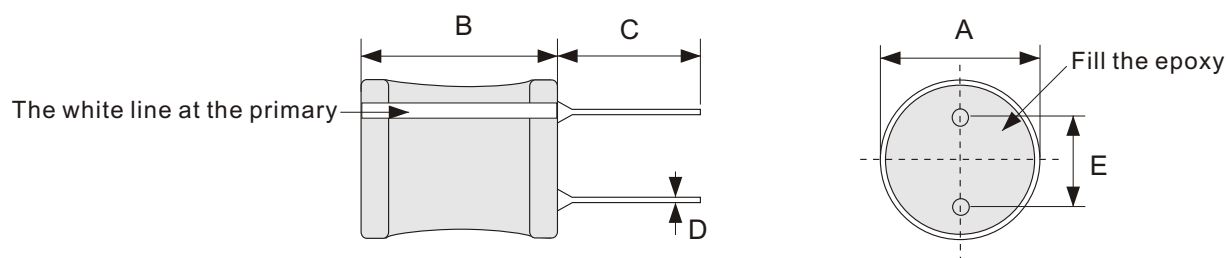
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Meisongbei 美颂倍



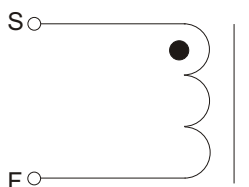
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A Dimension: Unit(mm)



A	B	C	D	E
8.5 ± 1.0	12.0 ± 1.0	10 Min	0.6 Ref	5.0 Ref

B Schematic:



C Electrical Specifications:

No.	Properties	Specification	Test Condition	Test Instruments
1	L	1.2mH ± 10%	1KHz, 0.25V	VR102 LCR
2	DCR	4.5Ω max.	25°C	CHEN HWA 502BCOHM
3	Idc	0.5A max.	1KHz, 0.25V	DA 1608+1310 LCZ

D Material List:

No.	Material	Material Spec	Class	Manufacturer	UL No.
1	Core	DR2W8*10 B5.0		FENG YIN ELECTRONICS	
2	Copper Wire	2UEW	130°C	XUZHOU SHENGBAO INDUSTRY CO.,LTD	E194766
3	Tube	UL	130°C	SHENZHEN WOER HEAT-SHRINKABLE MATERIAL CO LTD	E203950

Made	Lee Jin	Checked	Jim	Approved	May
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E Test Data List:

ITEM	Electrical Characteristics				Dimensions			Outside
	L(mH)	DCR(Ω)	Idc		A	B	C	
SPEC	1.2 $\pm$ 10%	4.5max	0.5A ($\geq$ 90%LS)		8.5 $\pm$ 1.0	12.0 $\pm$ 1.0	10MIN	
1	1.19	3.03	OK		8.59	11.09	10.92	OK
2	1.23	3.11	OK		8.66	11.14	10.85	OK
3	1.24	3.01	OK		8.69	11.12	10.90	OK
4	1.23	3.03	OK		8.70	11.00	11.00	OK
5	1.24	3.05	OK		8.63	11.06	10.88	OK
6	1.26	3.06	OK		8.67	11.10	10.99	OK
7	1.24	3.06	OK		8.62	11.13	10.89	OK
8	1.22	3.04	OK		8.72	11.08	10.89	OK
9	1.24	3.01	OK		8.76	11.11	10.98	OK
10	1.23	3.07	OK		8.67	11.19	11.00	OK
Result	OK	OK	OK		OK	OK	OK	OK

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