

SPECIFICATION FOR APPROVAL

CUSTOMER : Blume

CUSTOMER P/N :

SME P/N : T26x14.5x20C-M12K

EDITION : A.0

DATE : 2026-02-09

DRAWING		
MADE	CHECK	APPROVAL
XUE LIANG	Li Shuo	Wang Bin

CUSTOMER APPROVE

SHANGHAI MEISONGBEI ELECTRONICS CO.,LTD

Add:1#D502, No. 6818 Daye Highway, Fengxian District, Shanghai China

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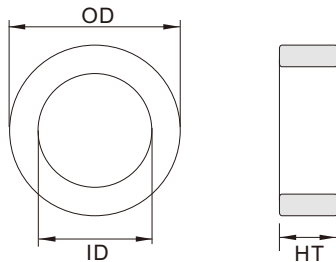
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A. Core Dimensions

Coating Color: Green



Type	Dimension(mm)	After Coating(mm)
OD	26.0±0.5	27.0 max
ID	14.5±0.4	13.5 min
HT	20.0±0.4	21.0 max

B Electrical Properties:

AL @ 10kHz,0.3V nH/N ²	C1 mm ⁻¹	Le mm	Ae mm ²	Ve mm ³	Wt g
26400±30%	0.53	60.14	111.78	6722.96	36.5

C Material (M12K):

Characteristics		Unit	Value
Initial Permeability (ui) (10kHz)	25°C		12000±30%
Saturation magnetic Flux Density (1194A/m) (Bs)	25°C	mT	360
Remanent Flux Density (Br)	25°C	mT	100
Coercive Force (Hc)	25°C	A/m	4.4
Relative Loss Factor (tanδ/μi) (10kHz)	25°C		≤7
Curie Temp (Tc)		°C	≥115
Electrical Resistivity (ρ)		Ω.m	0.15
Density (d)		g/cm ³	4.9

Made	XUE LIANG	Checked	Li shuo	Approved	Wang Bin
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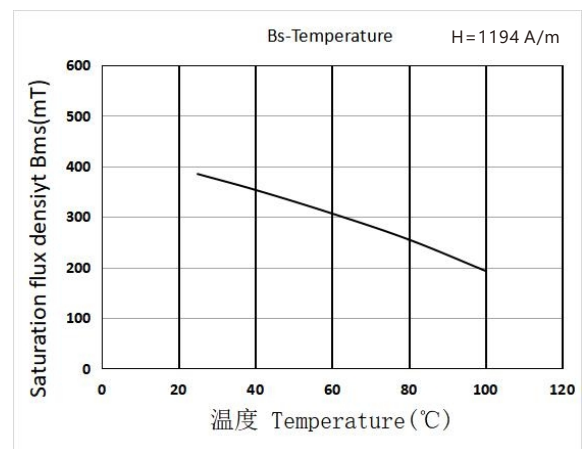
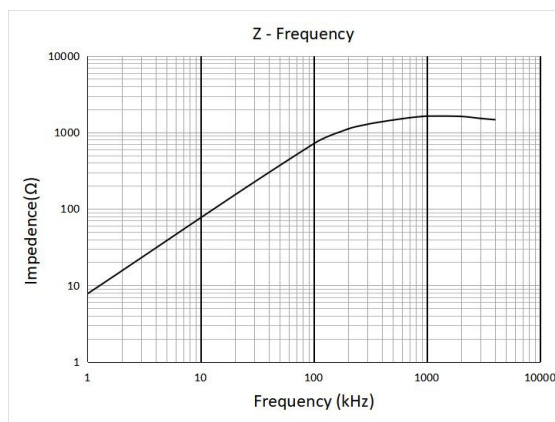
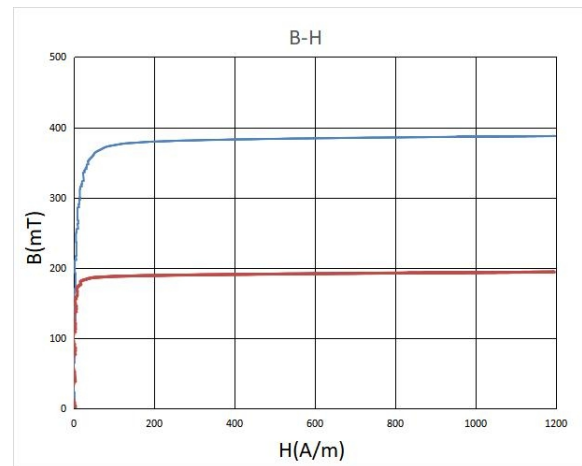
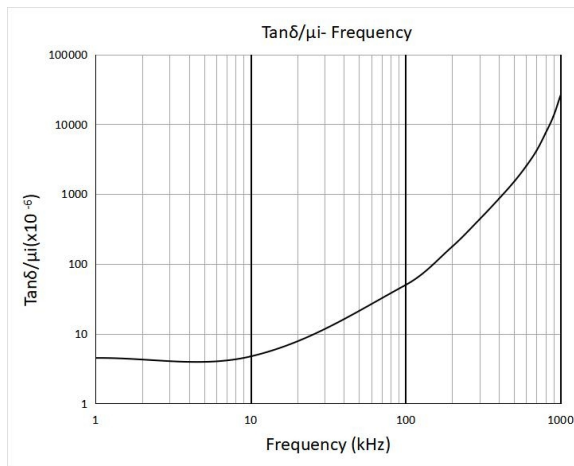
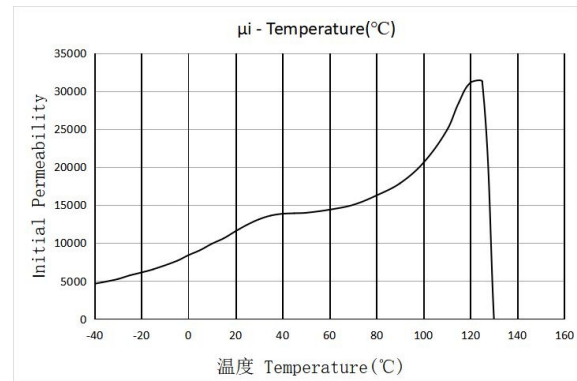
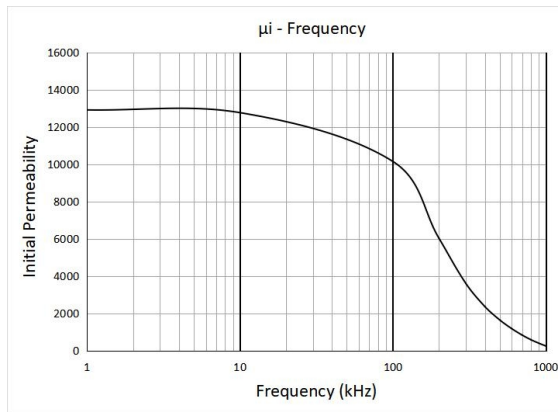
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D. M12K Material Characteristics curve:



Wire:Φ0.35mm, N=10Ts, T=25°C

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