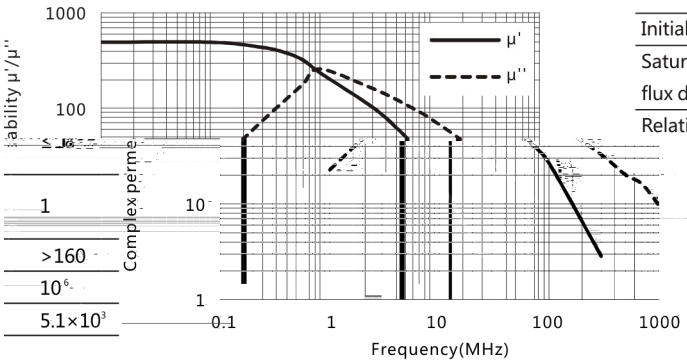
材料 Ma a **TN50D**

特点 F a

抗应力 S I

低比温度系数 L R a T a C c

Complex permeability vs.Frequency



Initial permeability	μ_i	25℃	500±20%
Saturation magnetic flux density	Bs(mT) 4000A/m	25℃	350
Relative loss factor	$\tan\delta/\mu_i$	25℃	25℃
100kHz	(×10⁻⁶)		
Relative temperature coefficient	$\alpha_{\mu ir}$ (×10⁻⁶/℃)		20～60℃
Curie temperature	Tc(℃)		
Electrical resistivity	ρ(Ω·m)		
Density	d(kg/m³)		

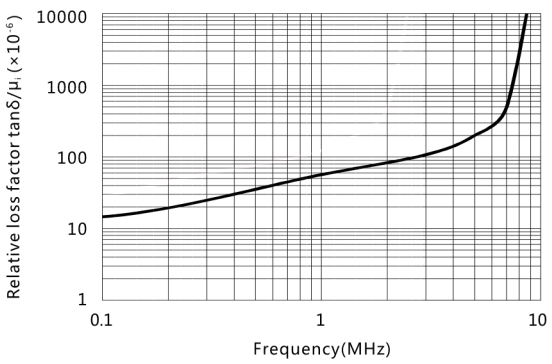
Test core：Toroid(mm)

OD：12.7

ID：7.9

H：6.5

Relative loss factor vs.Frequency



ture **Initial permeability vs.Temperature** **Flux density vs.Temperat**