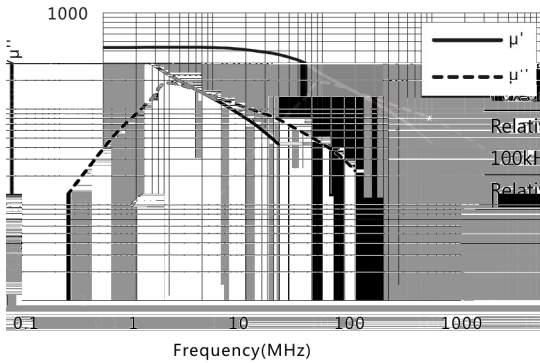


# 材料 Ma a TN40H

## 特点 F a

耐热冲击 T a S c R a c

**Complex permeability vs.Frequency**



Initial permeability	$\mu_i$	25°C	400±20%
Saturation magnetic flux density	$B_s$ (mT)		400±2%
Relative loss factor	$\tan\delta/\mu_i$	25°C	≤25
100kHz	( $\times 10^{-3}$ )		
Relative temperature coefficient	( $\times 10^{-3}/^\circ\text{C}$ )	20-60°C	±2
Curie temperature	$T_c$ (°C)		> 250
Electrical resistivity	$\rho$ ( $\Omega\cdot\text{m}$ )		$10^6$
Density	$d$ ( $\text{kg}/\text{m}^3$ )		$5.1 \times 10^3$

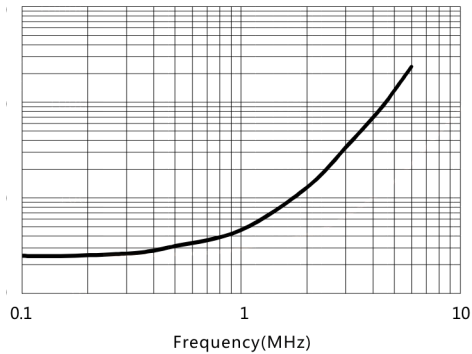
Test core : Toroid(mm)

OD : 12.7

ID : 7.9

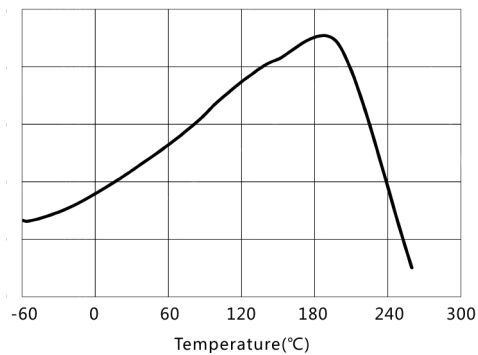
H : 6.5

**Relative loss factor vs.Frequency**



Relative loss factor  $\tan\delta/\mu_i$  ( $\times 10^{-3}$ )

**Initial permeability vs.Temperature**



**Flux density vs.Temperature**

