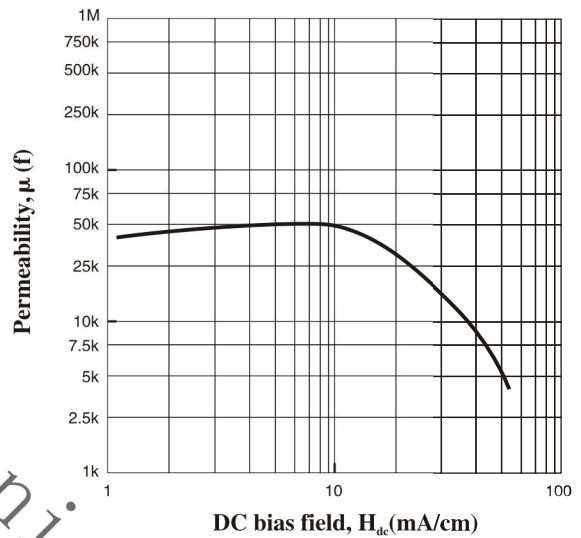
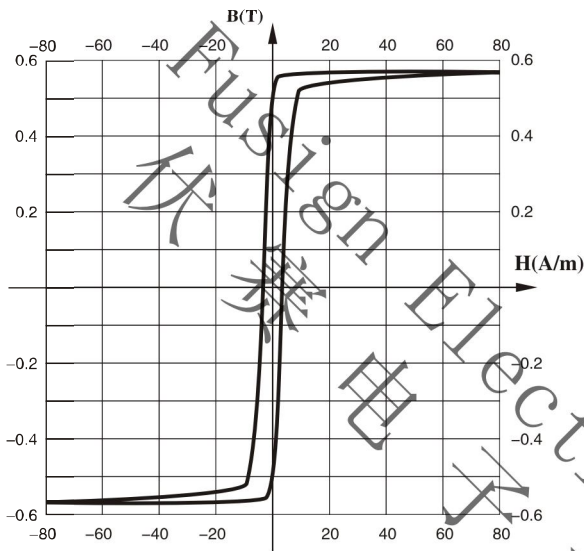


# CORES FOR POWER TRANSFORMERS

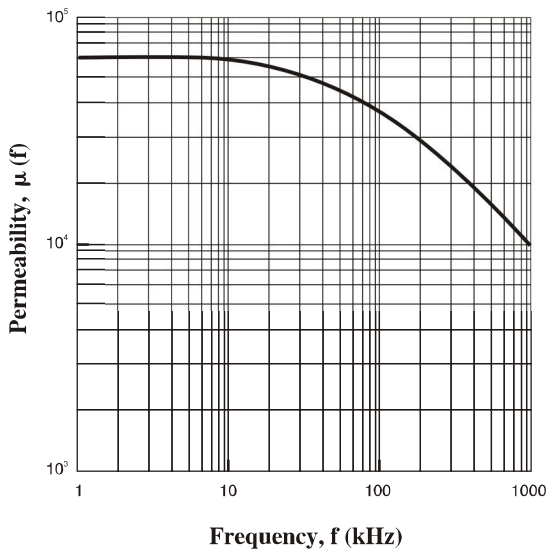
## TYPICAL MAGNETIC CHARACTERISTICS OF N50 SERIES

### Typical Frequency & DC Current Dependency of Transformer cores

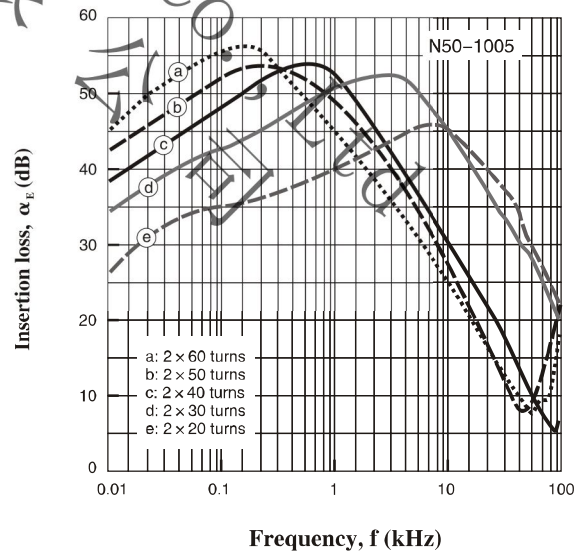
Typical B-H loop and it's incremental permeability with DC bias at 10kHz



Typical frequency properties



Insertion damping curve

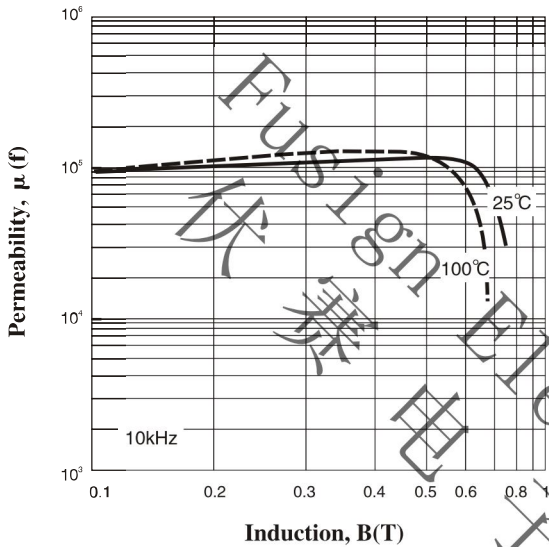


\* All characteristics as shown above are measured at room temperature ~25°C

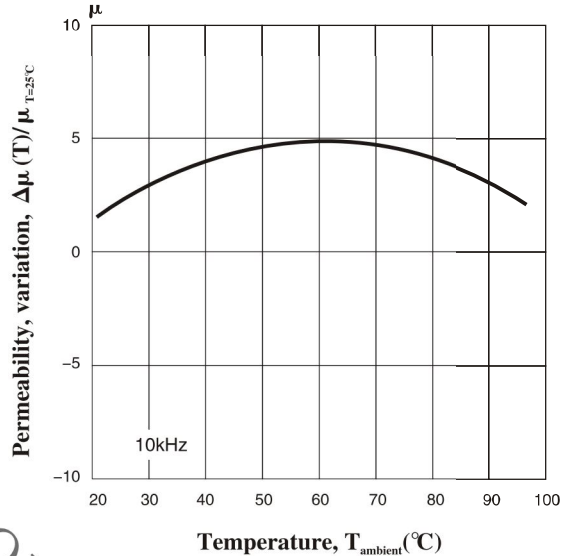
## CORES FOR POWER TRANSFORMERS

# TYPICAL MAGNETIC CHARACTERISTICS OF N50 SERIES

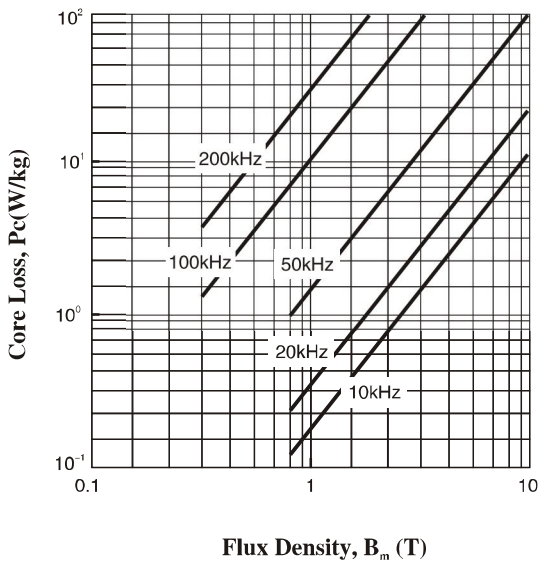
Typical  $\mu_{peak}$  with flux density



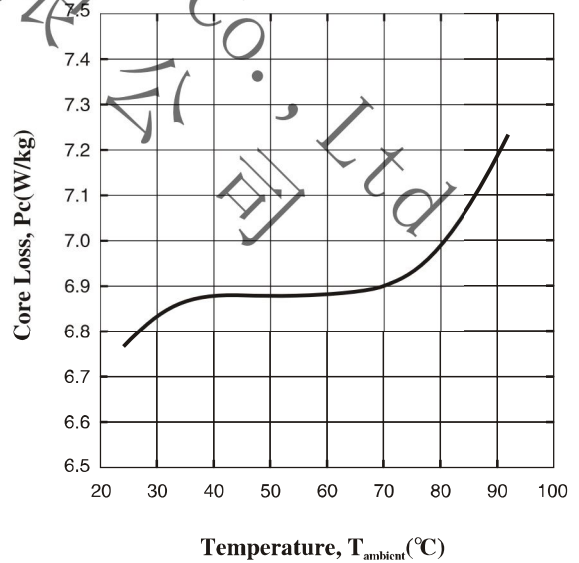
Typical temperature properties of  $\mu$



Typical core loss Pc(f)



Typical Pc(T)



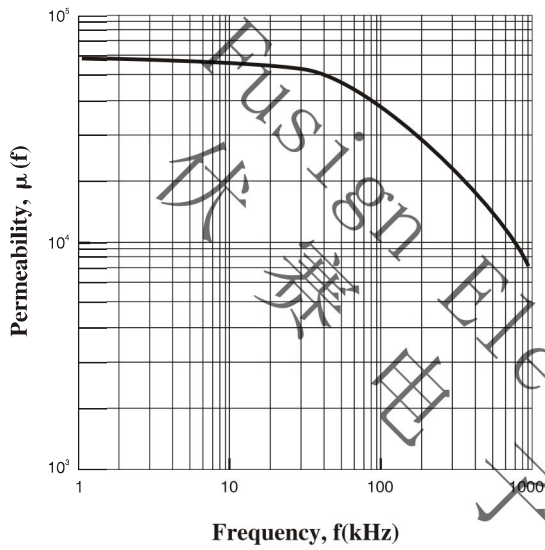
\* All characteristics as shown above are measured at room temperature ~25°C

# CORES FOR POWER TRANSFORMERS

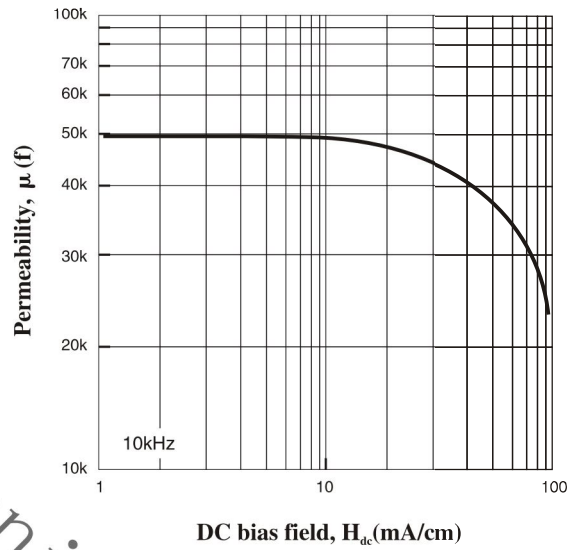
## TYPICAL MAGNETIC CHARACTERISTICS OF N50 SERIES

### Typical Frequency & DC Current Dependency of Transformer cores

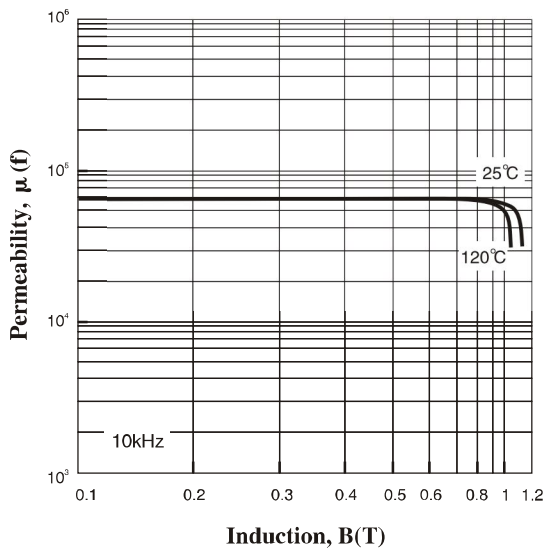
Typical frequency properties



Typical incremental permeability



Typical  $\mu_{peak}$  with flux density



\* All characteristics as shown above are measured at room temperature ~25°C