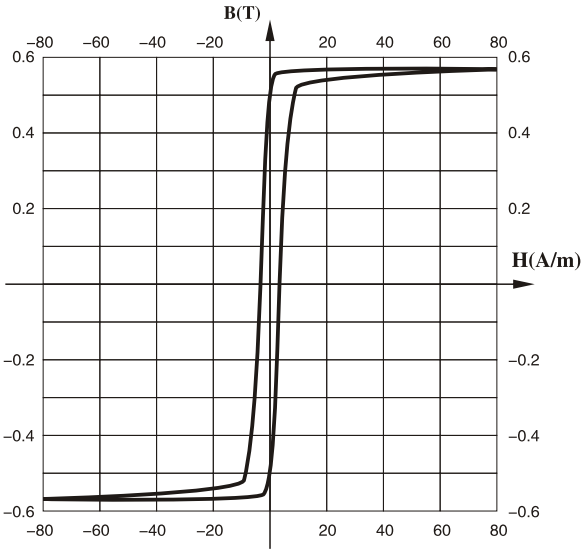
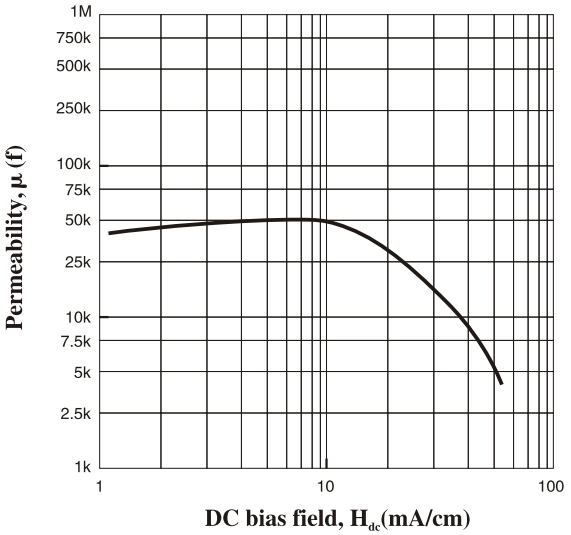
CORES FOR POWER TRANSFORMERS

TYPICAL MAGNETIC CHARACTERISTICS OF N50 SERIES

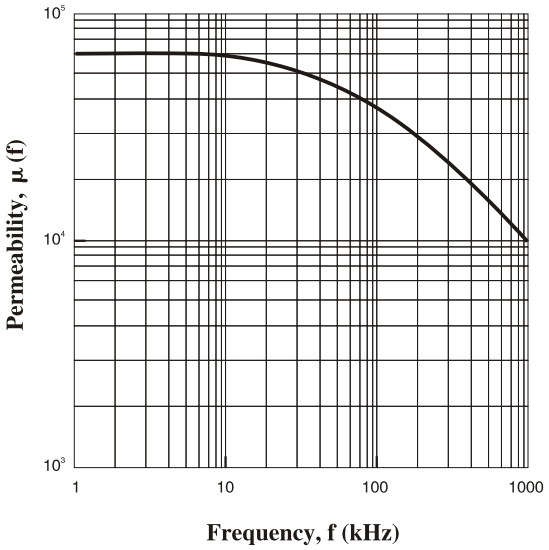
Typical Frequency & DC Current Dependency of Transformer cores

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

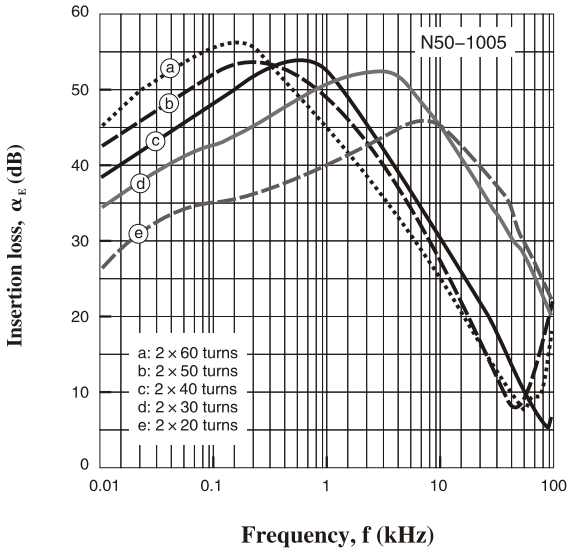




Typical frequency properties



Insertion damping curve

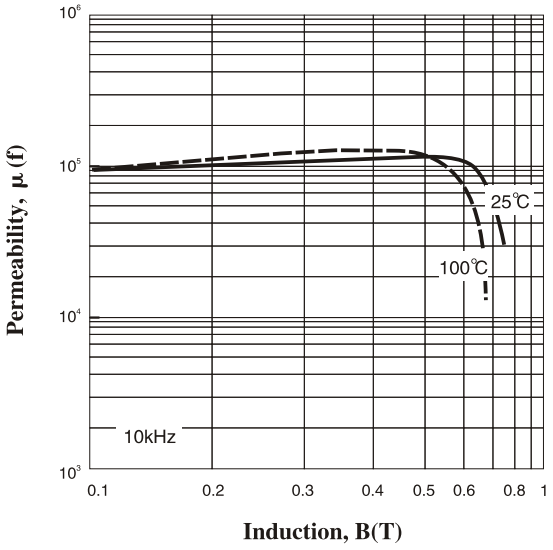


* All characteristics as shown above are measured at room temperature ~25℃

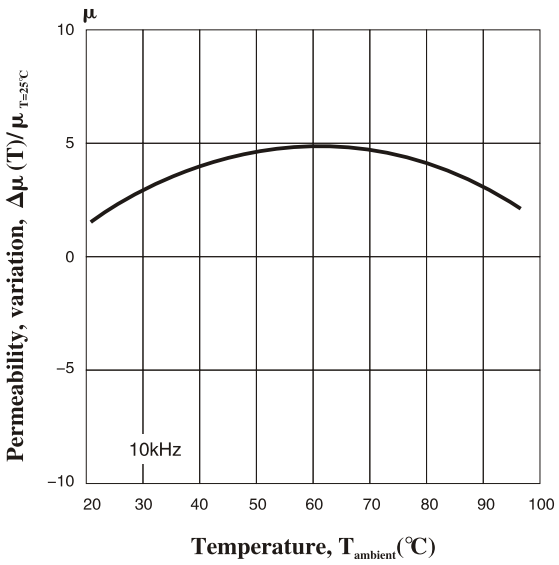
CORES FOR POWER TRANSFORMERS

TYPICAL MAGNETIC CHARACTERISTICS OF N50 SERIES

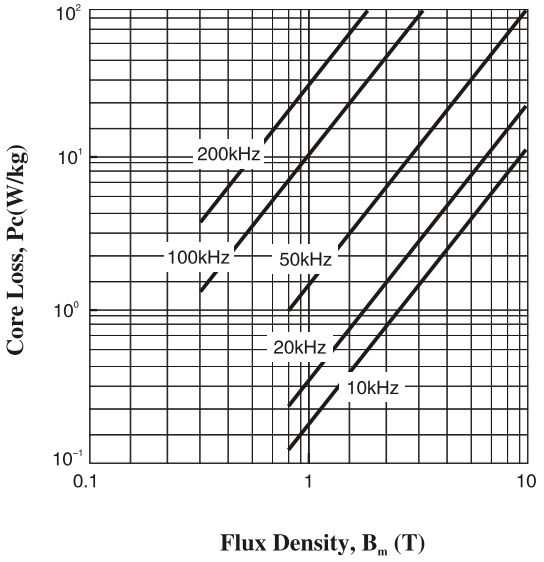
Typical μ_{peak} with flux density



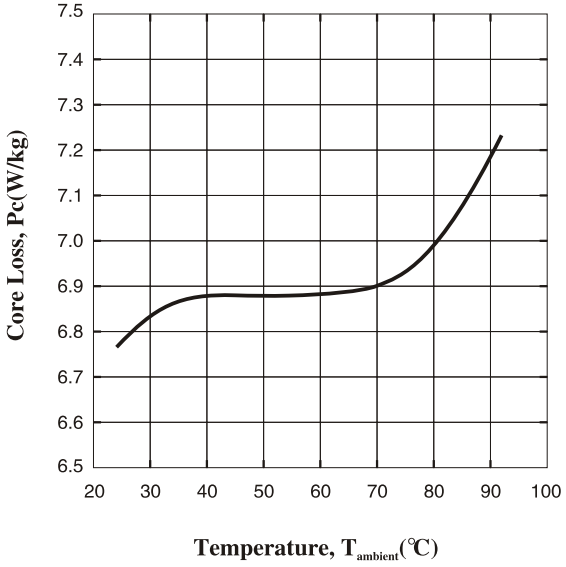
Typical temperature properties of μ



Typical core loss Pc(f)



Typical Pc(T)



＊All characteristics as shown above are measured at room temperature ~25℃

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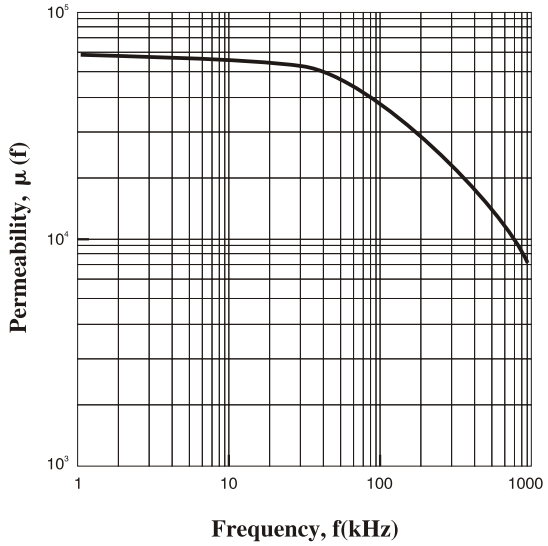
CORES FOR POWER TRANSFORMERS

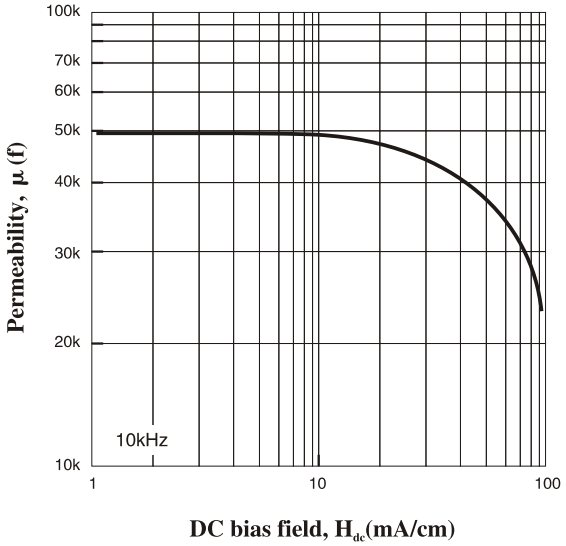
TYPICAL MAGNETIC CHARACTERISTICS OF N50 SERIES

Typical Frequency & DC Current Dependency of Transformer cores

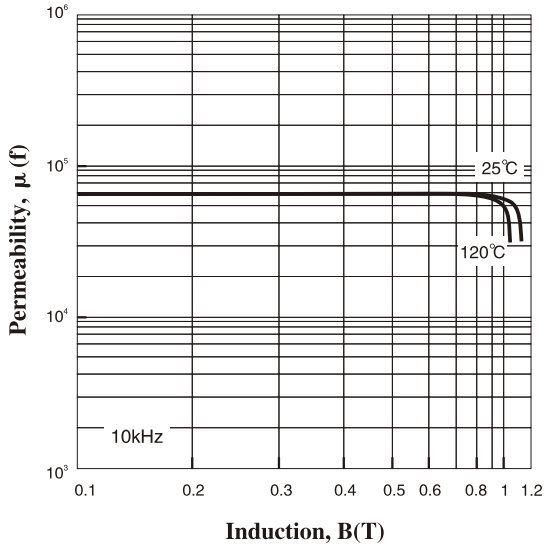
Typical frequency properties



Typical incremental permeability



Typical μ_{peak} with flux density



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