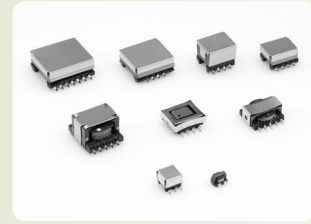


Surface-Mounted Type Transformers



Outline

Power supply systems of electronic devices are currently shifting from the traditional integrated-type to the new distributed-type. In this age of high-density integration of electronic devices, smaller and thinner transformers are becoming more indispensable. In answer to these needs, we, at NEC TOKIN, are introducing a wide line-up of surface-mounted transformers.

Features

- Thin, compact configurations are ideal for high-density mounting
- Flawless magnetic circuit designs offer high-inductance characteristics
- SMD discrete combined-use multiterminal structure

Applications

- DC/DC converters
- Various electronic equipment

Material Name	Initial Permeability μ_i	Effective Saturation Magnetic Flux Density B_{ms} (mT)	Effective Retentivity B_{rms} (mT)	Effective Coercivity H_{cms} (A/m)	Core Loss P_{cv}		Curie Temperature T_c (°C)	Density d (kg/m ³)
					1MHz (kW/m ³)	50mT		
BH2	2300±20%	510	100	14.3	450(60°C)	410(100°C)	220	4.8×10 ³

Typical Circuit

