

- High frequency operation
- Low forward voltage drop
- High purity, high temperature epoxy encapsulation for enhanced mechanical strength and moisture resistance
- Guard ring for enhanced ruggedness and long term reliability
- Solder dip 275 °C max. 7 s, per JESD 22-B106

Typical applications are in switching power supplies, converters, freewheeling diodes, and reverse battery protection.

- : TO-220AB
Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant
- : Tin plated leads, solderable per J-STD-002 and JESD22-B102
- : As marked

Unless otherwise specified

			MBRL10100CT
	VRRM	V	100
sine 50Hz	IO	A	10
-55 °C Ø+150			

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T_a=25 Unless otherwise specified

		0.1
	VRM=VRRM T _a =100	20



T_a=25 Unless otherwise specified

Thermal Resistance	Between junction and case	R _{θJ-C}	W	2.0

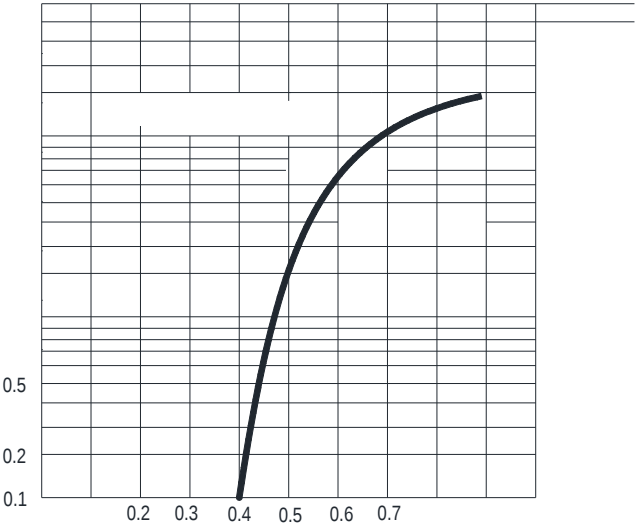


(Example)

MBRL10100CT	Approximate 1.9	50	1000	5000	Tube

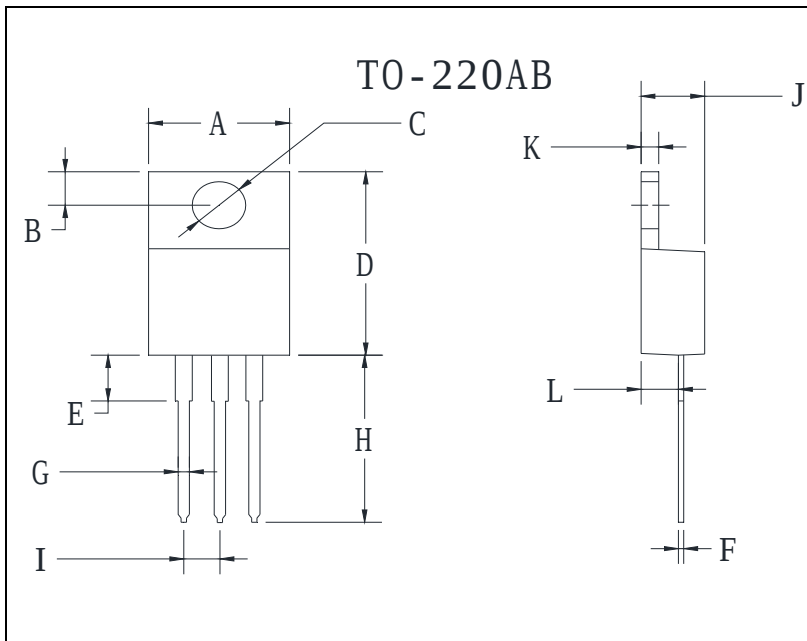


(Typical)





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The product listed herein is designed to be used with ordinary electronic equipment or devices, and not designed to be used with equipment or devices which require high level of reliability and the malfunction of which would directly endanger human life (such as medical instruments, transportation equipment, aerospace machinery, nuclear-reactor controls, and air-traffic controllers).