



BTD4M
Silicon Planar Type

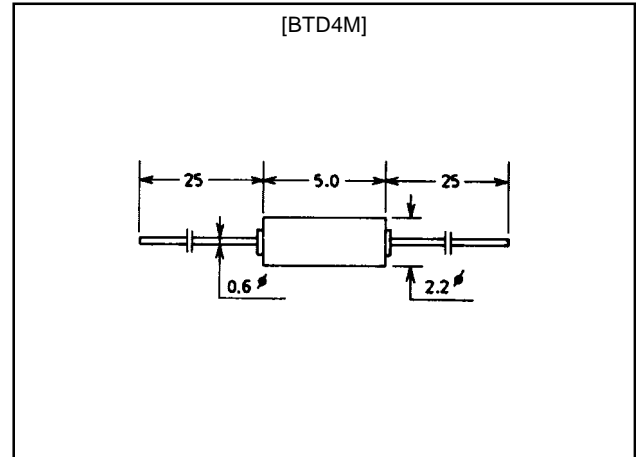
Bidirectional Diode

Features

- Small size and light weight.
- DHD type package.

Package Dimensions

unit:mm
1107



Specifications

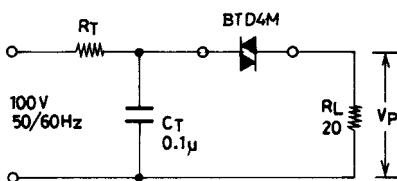
Absolute Maximum Ratings at Ta = 25°C

Parameter	Symbol	Conditions	Ratings	Unit
Peak Current	I_P	f=120Hz, pulse width 10μs	±2	A
Junction Temperature	T_J		-40 to +125	°C
Storage Temperature	T_{stg}		-40 to +125	°C

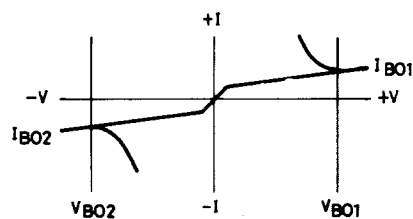
Electrical Characteristics at Ta = 25°C

Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Breakover Voltage	$V_{BO1}(V_{BO2})$		29		37	V
Breakover Voltage Deviation	$\Delta V_{BO} V_{BO1} - V_{BO2} $				3	V
Breakover Current	$I_{BO1}(I_{BO2})$				50	μA
Temperature Coefficient of Breakover Voltage				0.1		%/°C
Peak Output Voltage	V_P		5			V

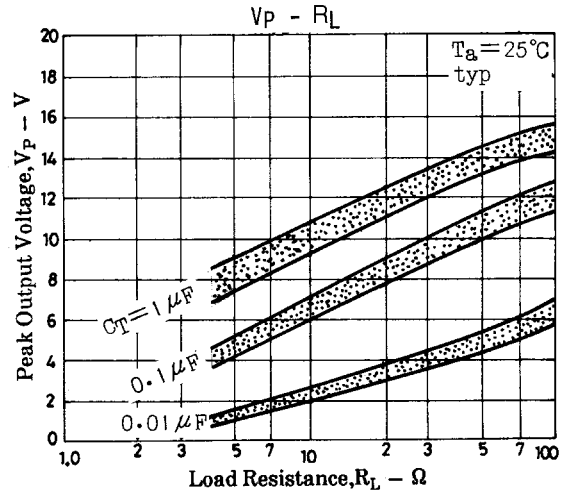
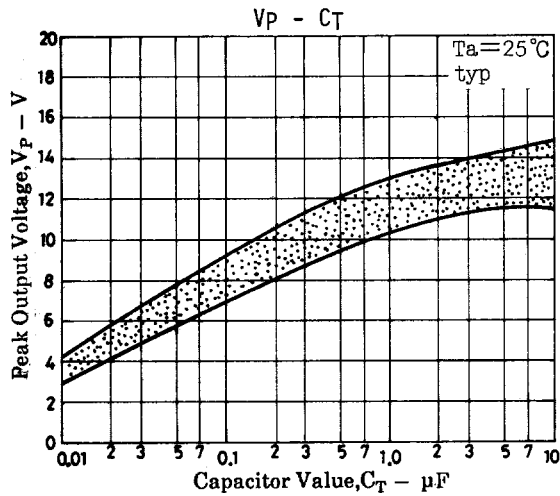
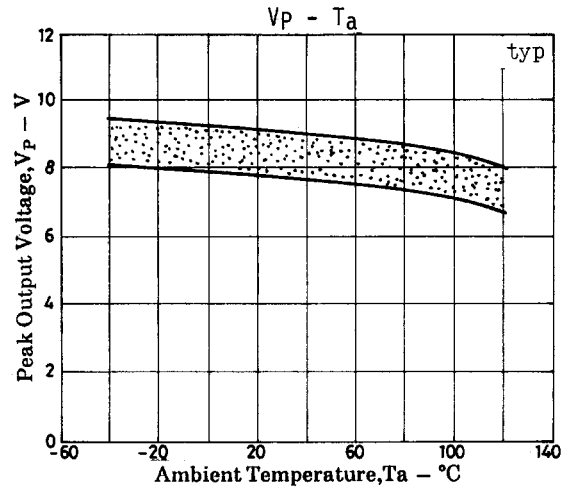
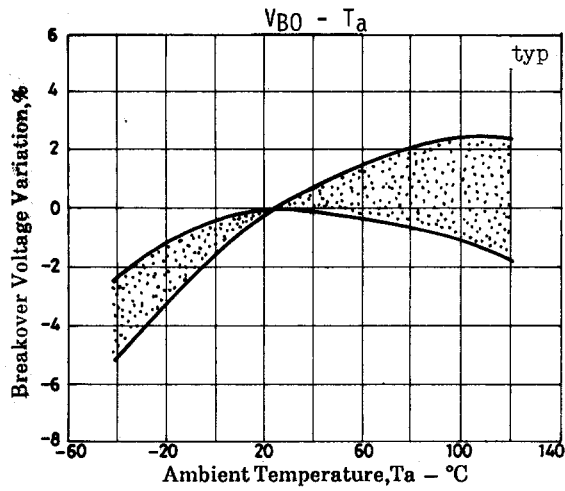
Basic Circuit



Basic Characteristic



BTD4M



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