



**BTD4M**  
Silicon Planar Type

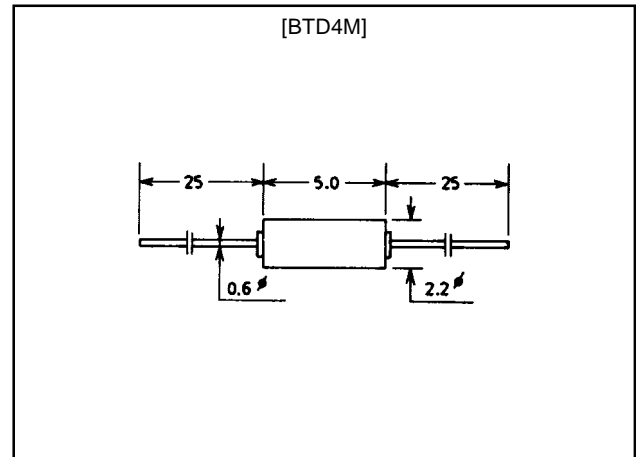
**Bidirectional Diode**

**Features**

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

**Package Dimensions**

unit:mm  
1107



**Specifications**

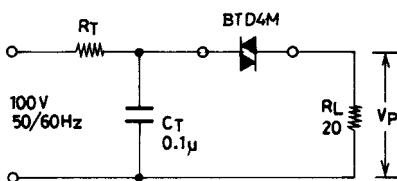
**Absolute Maximum Ratings at Ta = 25°C**

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

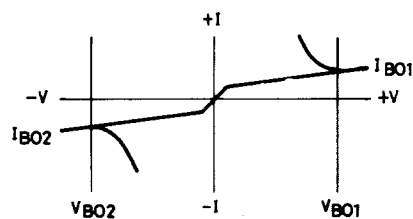
**Electrical Characteristics at Ta = 25°C**

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

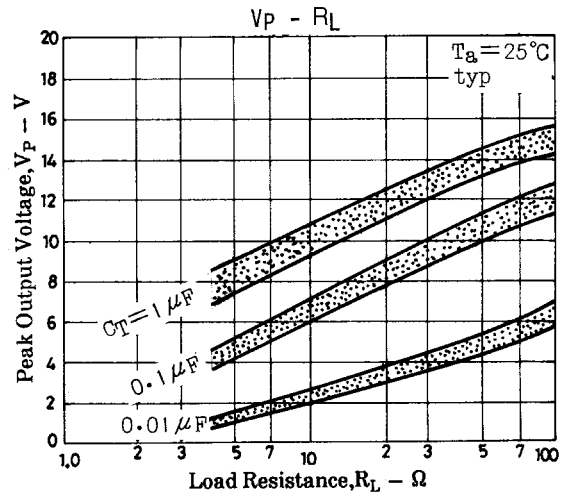
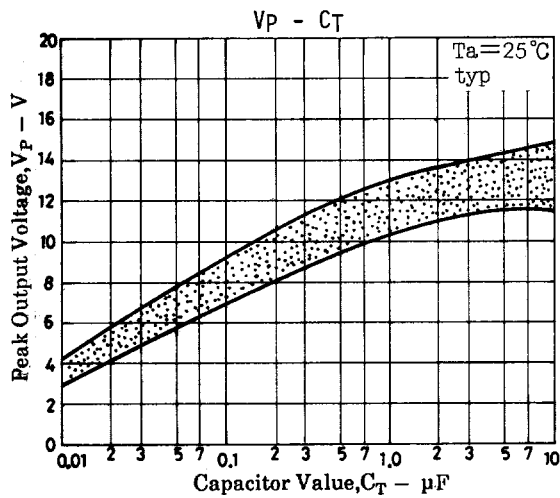
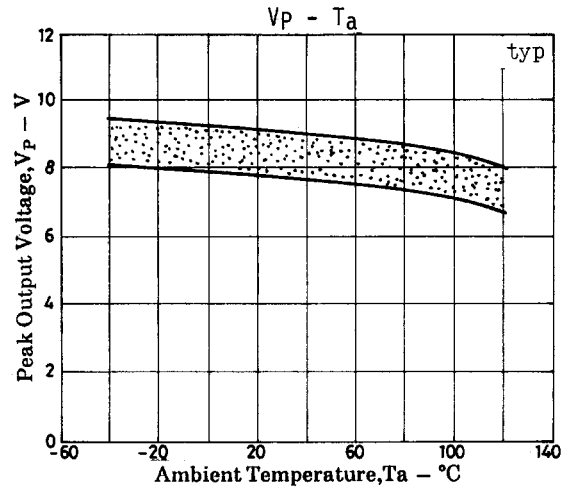
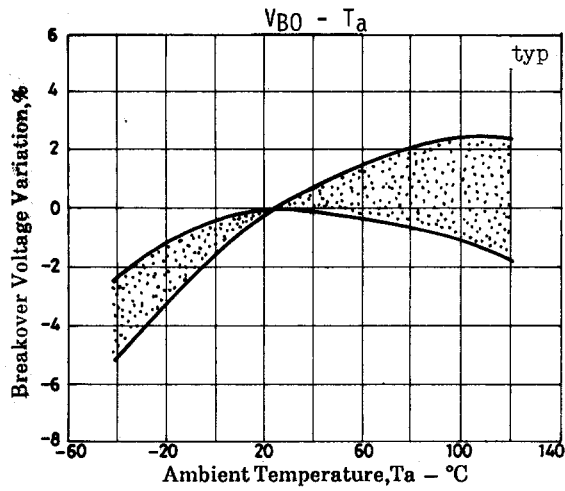
**Basic Circuit**



**Basic Characteristic**



# BTD4M



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