

SANYO**BTD4M**

Silicon Planar Type

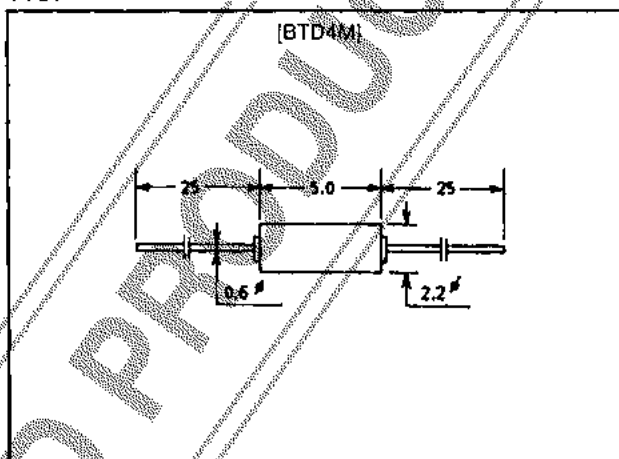
Bidirectional Diode**Features**

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

Package Dimensions

unit:mm

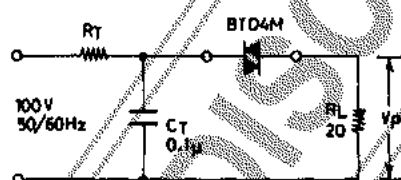
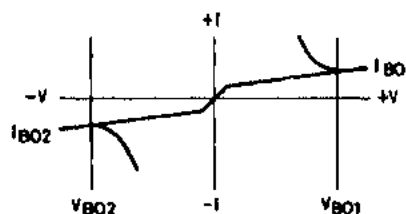
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**Specifications**Absolute Maximum Ratings at $T_a = 25^\circ\text{C}$

Parameter	Symbol	Conditions	Rating	Unit
Peak Current	I_p	$f=100\text{Hz}$, pulse width $10\mu\text{s}$	± 2	A
Junction Temperature	T_j		-40 to $+125$	$^\circ\text{C}$
Storage Temperature	T_{stg}		-40 to $+125$	$^\circ\text{C}$

Electrical Characteristics at $T_a = 25^\circ\text{C}$

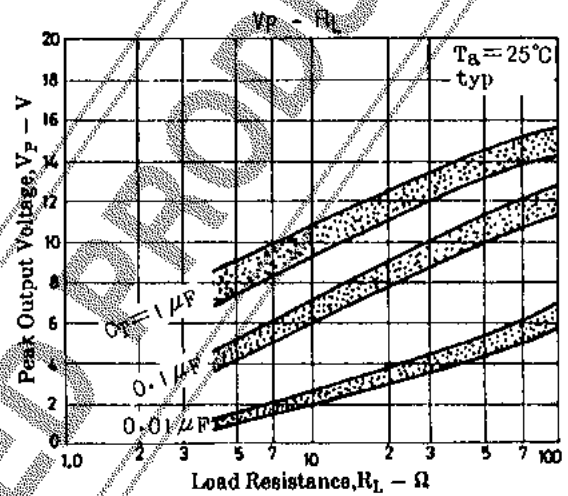
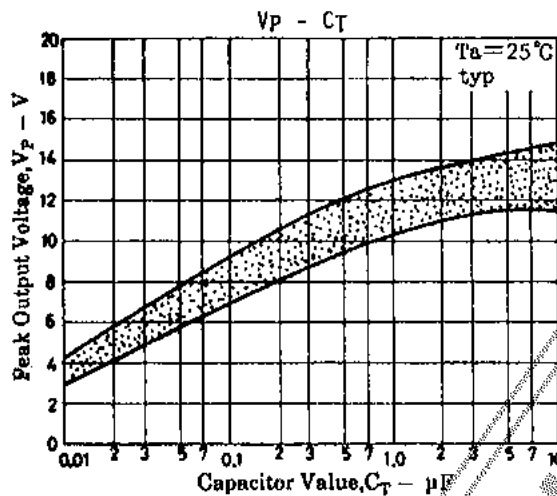
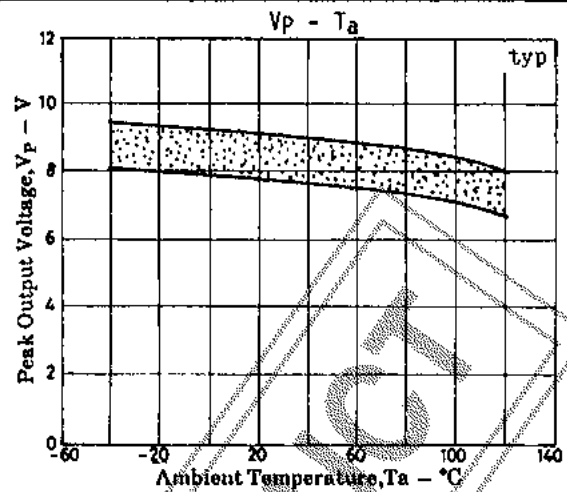
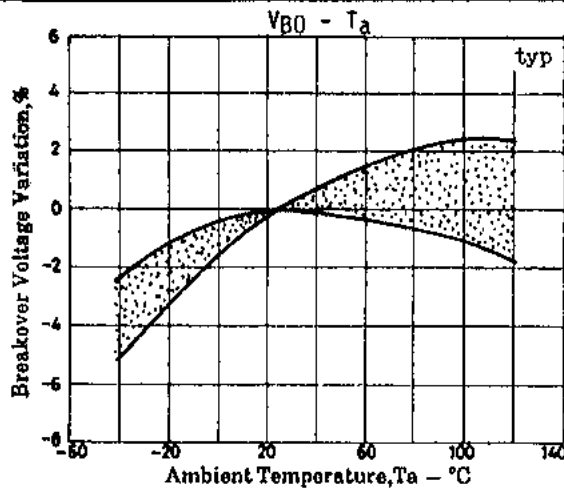
Parameter	Symbol	Conditions	Rating			Unit
			min	typ	max	
Breakover Voltage	$V_{BO1}(V_{BO2})$		29		37	V
Breakover Voltage Deviation	$\Delta V_{BO} (V_{BO1}-V_{BO2})$				3	V
Breakover Current	$I_{BO1}(I_{BO2})$				50	μA
Temperature Coefficient of Breakover Voltage				0.1		$\%/^\circ\text{C}$
Peak Output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

Basic Circuit**Basic Characteristic****SANYO Electric Co.,Ltd. Semiconductor Business Headquarters**

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52098FIA (KT)/4289MO/9284K1, TS No.821-1/2

BTD4M



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