MA62

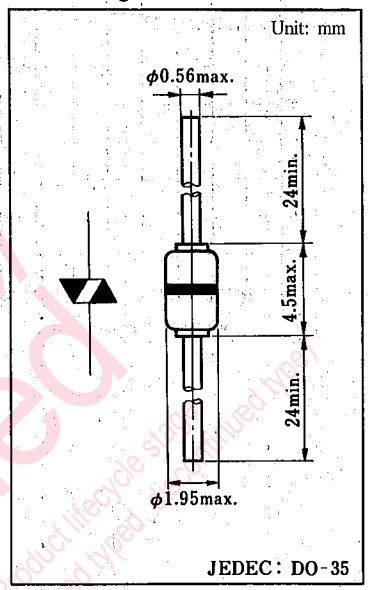
Silicon NPN Trigger Device for Thyristor

Trigger Device for Thyristor

■ Features

- Symmetrical breakover voltage characteristics
- High output voltage, low breakover current

■ Package Dimensions



■ Absolute Maximum Ratings (Ta=25°C)

Item	Symbol	Value	Unit
Average Power Dissipation	P_{AV}	150	mW
Peak Current	I_{PM}*	2	A
Operating Ambient Temperature	T_{opr}	100	°C
Storage Temperature	T_{stg}	−55~+125	°C

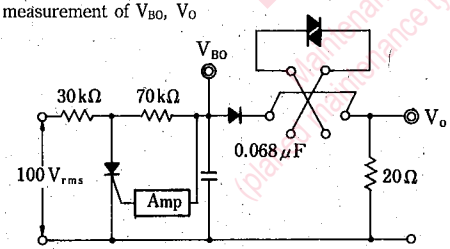
*T_a<50°C, t<10μs, Repetitive frequency 60Hz

■ Electrical Characteristics (Ta=25°C)

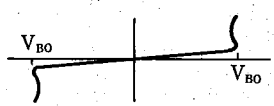
Item	Symbol	Condition	min.	typ.	max.	Unit
Breakover Voltage	V_{BO} *1	I=I_{BO}	28		36	V
Output Voltage	V_O *1		4	6.3		V
Breakover Current	I_{BO}	V=V_{BO}		10	100	μA
Temperature Coefficient of Breakover Voltage				0.1		%/°C
Breakover Voltage Deviation	ΔV_{BO} *2				2.5	V

◎ Input and output frequency of ratings: 100MHz

*t_{rr} measurement of V_{BO}, V_O



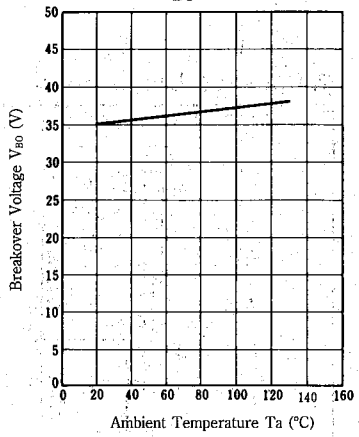
*2 Symmetrical characteristics of V_{BO}



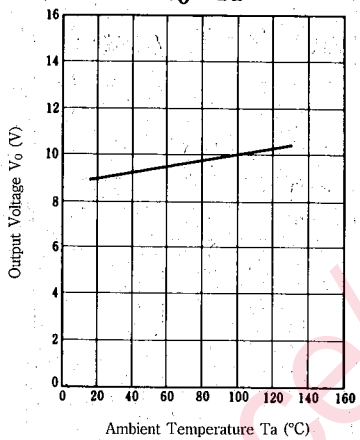
■ Marking Symbol

Type No.	MA62
Color	Black

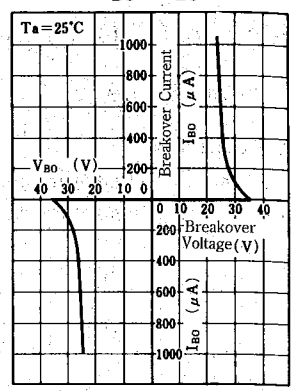
V_{BO} – Ta



V_O – Ta



I_{BO} – V_{BO}



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