Varistors Panasonic

MA2C029T

Silicon epitaxial planar type

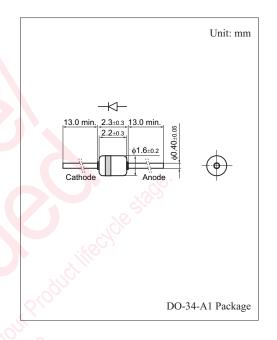
For reduced voltage and temperature compensation

■ Features

- High reliability achieved through combination of a planar type chip and glass sealing structure
- Easy mounting because of employing DO-35 (DHD) envelope
- ullet Extremely small reverse current I_R
- Large power dissipation P_D
- Wide forward voltage V_F range

■ Absolute Maximum Ratings $T_a = 25$ °C

Parameter	Symbol	Rating	Unit
Reverse voltage	V_R	6	V
Peak forward current	I_{FM}	70	mA
Power dissipation	P_{D}	150	mW
Junction temperature	T_{j}	150	°C
Storage temperature	T _{stg}	-55 to +150	°C



■ Electrical Characteristics $T_a = 25^{\circ}C \pm 3^{\circ}C^{*1}$

Parameter	Symbol	Conditions	Min	Тур	Max	Unit
Forward current	V_{F1}	$I_{R} = 10 \mu\text{A}$ 1.15),		V
	V_{F2}	$I_F = 3 \text{ mA}$	Silo	*2		v
Reverse current	I_R	$V_R = 6 V$	1.7		1.0	μА
Temperature coefficient of forward voltage *3	$-\Delta V_F/V_T$	$I_F = 3 \text{ mA}$		6.5		mV/°C

Note) 1. Measuring methods are based on JAPANESE INDUSTRIAL STANDARD JIS C 7031 measuring methods for diodes.

2. *1: The temperature must be controlled 25°C for V_F mesurement. V_F value measured at other temperature must be adjusted to V_F (25°C)

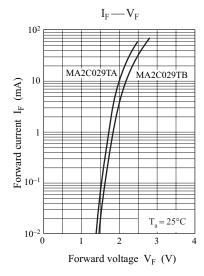
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2:	Type	V _F (V)		
	MA2C029TA	1.76 to 1.92		
	MA2C029TB	1.88 to 2.04		

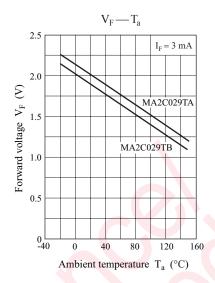
*3: $T_j = 25^{\circ}C$ to $150^{\circ}C$

■ Cathode Indication

Type No.	MA2C029TA	MA2C029TB
Color	Yellow	Blue

MA2C029T Panasonic





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