MA2C856 (MA856)

Silicon epitaxial planar type

For band switching

Features

• Extra-small DHD envelope, allowing to insert into a 5 mm pitch hole

Symbol

V_R

 $I_{\rm F}$

Topr

T_{stg}

Rating

35

100

-25 to +85

-55 to +100

Unit V

mA

°C

°C

- Less voltage dependence of the terminal capacitance C_t
- Low forward dynamic resistance rf

Parameter

Operating ambient temperature

Reverse voltage (DC)

Forward current (DC)

Storage temperature

• Optimum for a band switching of tuner

	Unit: mm	
13.0 min. 2.3±0.3 13.0 min. 0.2 max. Cathode	-	
	Cathode	
2: Anode		
DO-34-	A1 Package	

Absolute Maximum Ratings $T_a = 25^{\circ}C$

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

Parameter	Symbol	Conditions	Min	Тур	Max	Unit
Reverse current (DC) *	I _R	$V_R = 33 V$			100	nA
Forward voltage (DC)	V _F	$I_{\rm F} = 100 \ {\rm mA}$			1	V
Terminal capacitance	Ct	$V_{R} = 15 V, f = 1 MHz$			2	pF
Forward dynamic resistance	r _f	$I_F = 3 \text{ mA}, \text{ f} = 100 \text{ MHz}$			0.85	Ω

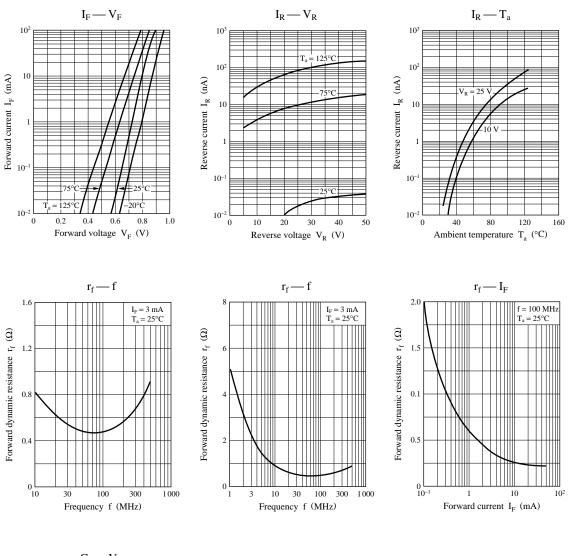
Note) 1. Rated input/output frequency: 100 MHz

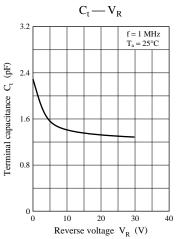
2. *: Measurement in light shielded condition

Cathode Mark

Type No.	MA2C856
Color	Yellow

Note) The part number in the parenthesis shows conventional part number.





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