-0.3 min.

φ1.4±0.1

Unit : mm

MA342-B, MA342-M

Silicon epitaxial planer type



Features

- Large capacity variation ratio
- Small series resistance rD



■ Electrical Characteristics (Ta= 25°

Parameter	Symbol	Condition	min	typ	max	Unit
Forward voltage (DC)	VF	IF=100mA			1.1	V
Reverse current (DC)	IR	$V_R = 30V$			10	nA
Terminal capacitance		$V_R = 2V$, f= 1MHz	10.5		16	pF
	Ċt	Ve=10V, f=1MHz	3.3		5.7	
Capacitance ratio	$C_{t(2V)}/C_{t(10V)}^{*}$	2. 1. 1. 1. 0.	2.8		3.4	—
	C _{t(6V)} /C _{t(10V}		1.64			
Series resistance	rD	$C_D = 9 \text{pF}, \text{f} = 470 \text{MHz}$			1.2	Ω

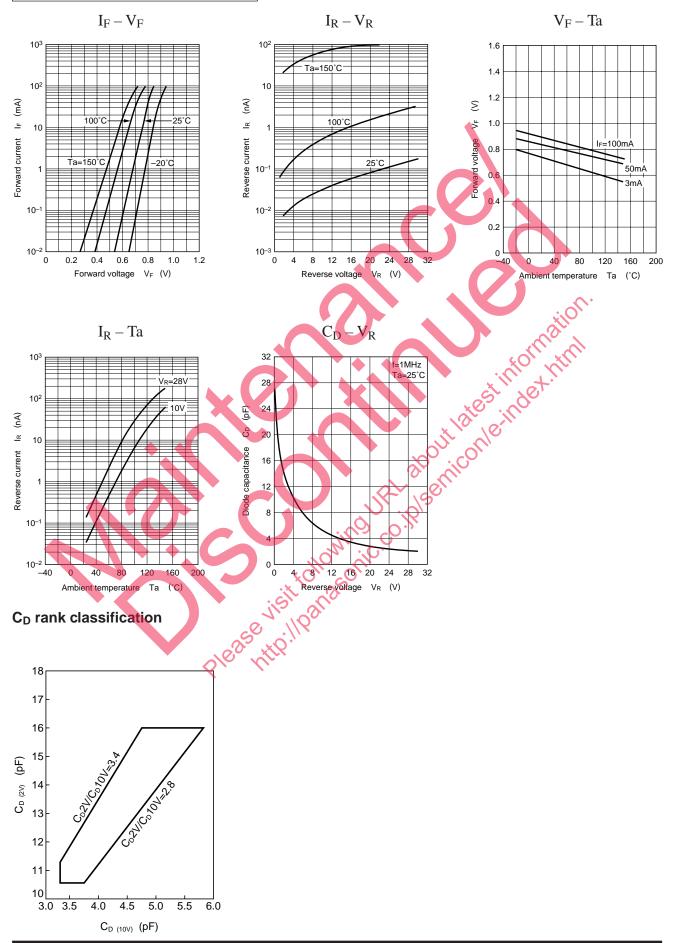
Note 1. Rated input/output frequency : 470MHz

2. * Applicable to the rank M

Cathode Indication

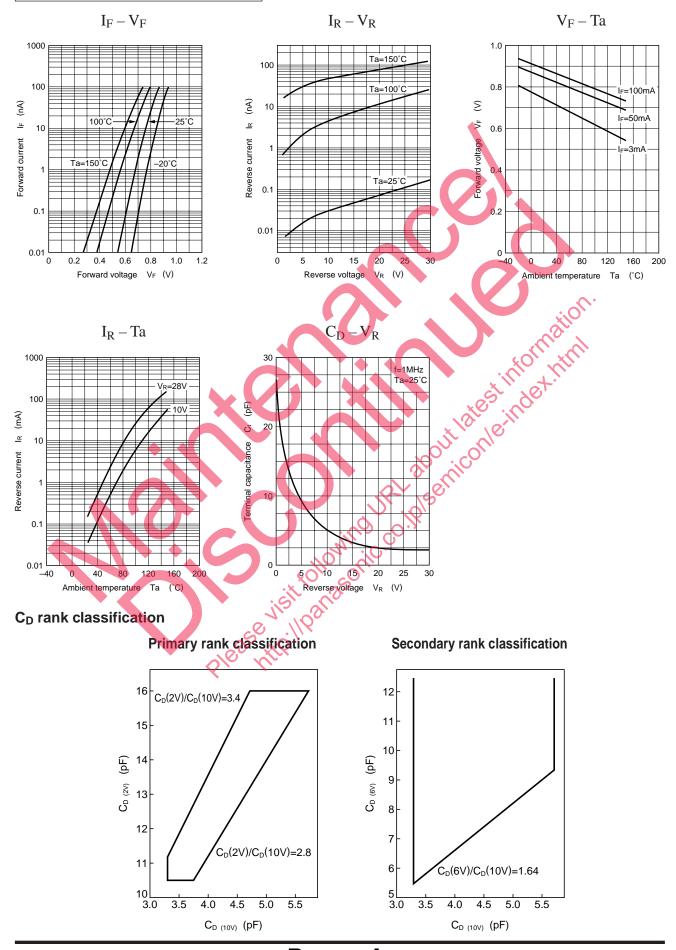
Type No.		MA342-B	MA342-M	
Color	1st Band	Blue	Blue	
	2nd Band	Green	Blue	

Characteristics chart of MA342-B



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Characteristics chart of MA342-M



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