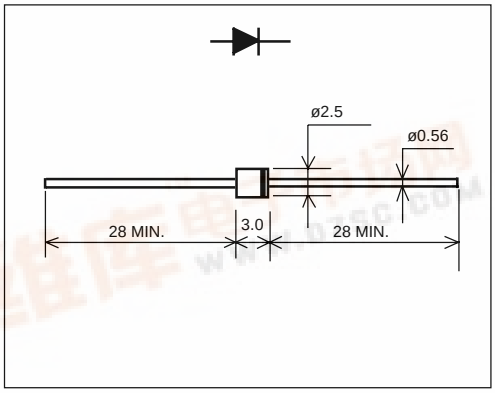
查询ERA34-10供应商 捷多邦，专业PCB打样工厂，24小时加急出货

ERA34 (0.1A)

(1000V / 0.1A)

FAST RECOVERY DIODE

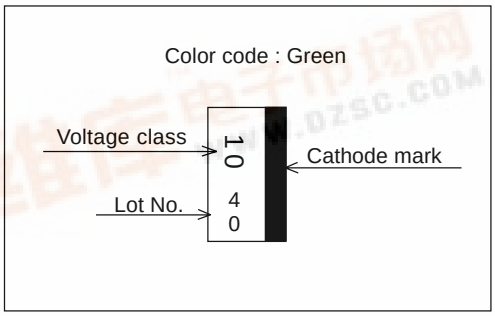
Outline drawings, mm



Features

- Ultra small package, possible for 5mm pitch automatic insertion
- High voltage by mesa design
- High reliability

Marking



Applications

- General purpose rectifier applications

Maximum ratings and characteristics

- Absolute maximum ratings

Item	Symbol	Conditions	Rating -10	Unit
Repetitive peak reverse voltage	V_{RRM}		1000	V
Average forward current	$I_{F(AV)}$	Resistive load (Ta=60°C)	0.1	A
Surge current	I_{FSM}	Sine wave 10ms	2.0	A
Operating junction temperature	T_j		-40 to +140	°C
Storage temperature	T_{stg}		-40 to +140	°C

- Electrical characteristics (Ta=25°C Unless otherwise specified)

Item	Symbol	Conditions	Max.	Unit
Forward voltage drop	V_{FM}	I_{FM}=0.1A	3	V
Reverse current	I_{RRM}	V_R=V_{RRM}	50	μA
Reverse recovery time	t_{rr}	I_F=0.1A, I_R=0.1A	0.15	μs

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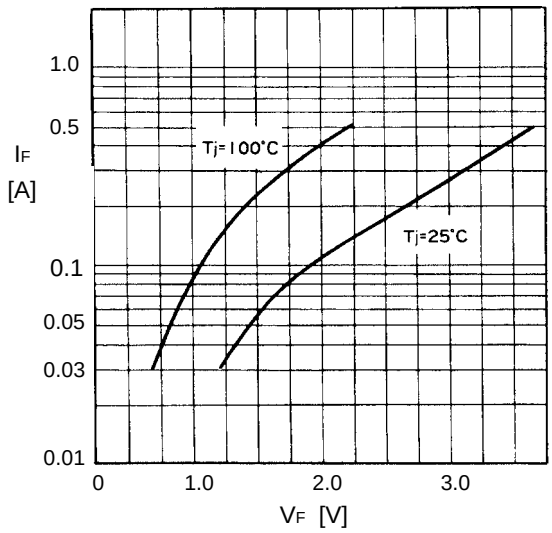
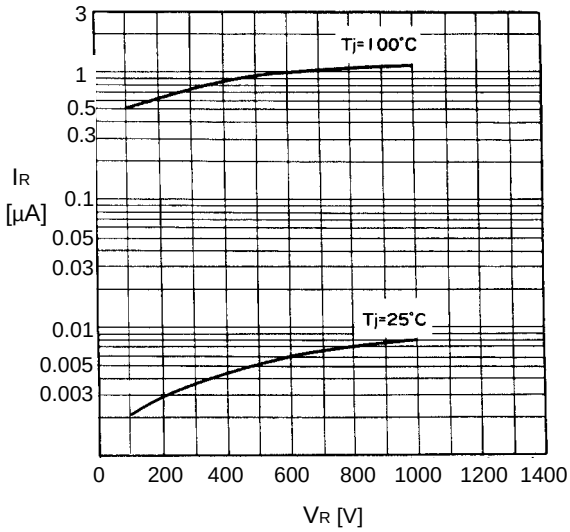
■ Characteristics

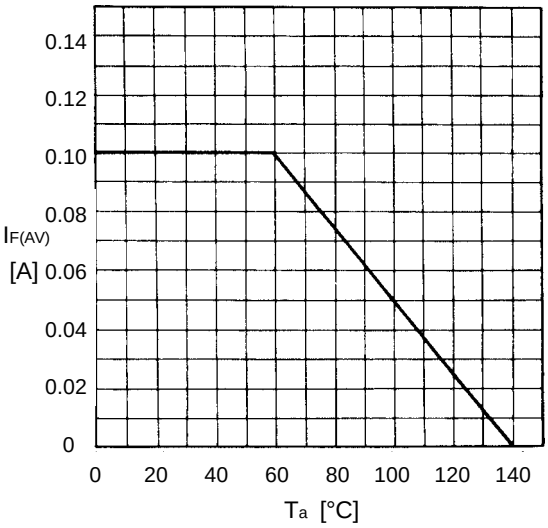
Forward characteristics



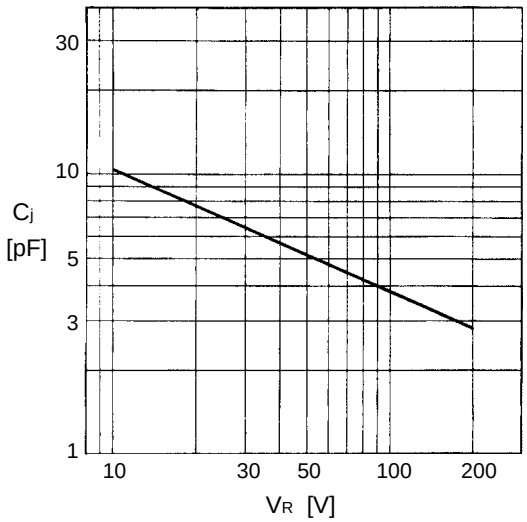
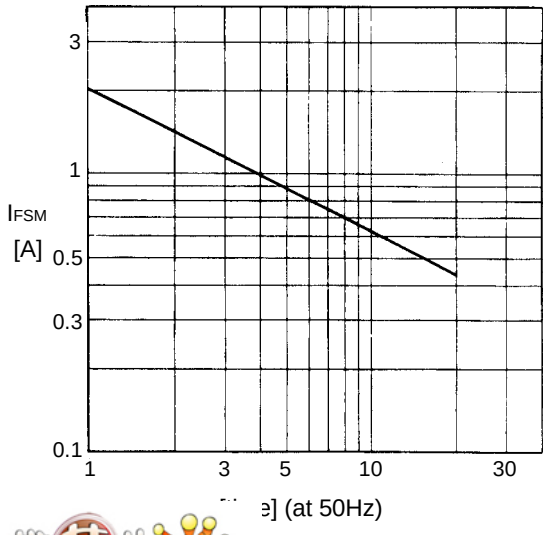
Reverse characteristics



Current derating ($I_{F(AV)}$-T_a)



Junction capacitance characteristics



Surge capability