

ERA15 (1.0A)

(100V to 1000V / 1.0A)

GENERAL USE RECTIFIER DIODE

■ Features

- Ultra small package, possible for 5mm pitch automatic insertion.
- High reliability

■ Applications

- General purpose rectifier applications

■ Maximum ratings and characteristics

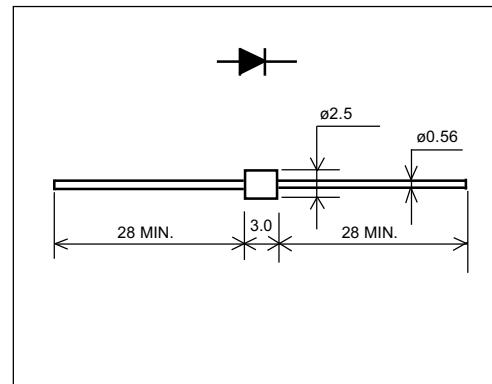
- Absolute maximum ratings

Item	Symbol	Conditions	Rating						Unit			
			-01	-02	-04	-06	-08	-10				
Repetitive peak reverse voltage	V_{RRM}		100	200	400	600	800	1000	V			
Average forward current	$I_{F(AV)}$	Resistive load	1.0 ($T_a=40^\circ C$)			1.0 ($T_a=25^\circ C$)			A			
Surge current	I_{FSM}	Sine wave 10ms	40						A			
Operating junction temperature	T_j		-40 to +140						°C			
Storage temperature	T_{stg}		-40 to +140						°C			

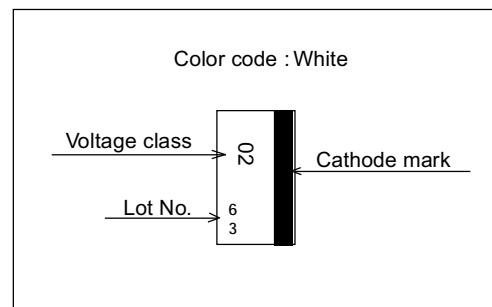
- Electrical characteristics ($T_a=25^\circ C$ Unless otherwise specified)

Item	Symbol	Conditions	Max.	Unit
Forward voltage drop	V_{FM}	$T_j=25^\circ C \ I_{FM}=2.0A$	1.1	V
Reverse current	I_{RRM}	$T_j=25^\circ C \ V_R=V_{RRM}$	10	µA

■ Outline drawings, mm



■ Marking



■ Characteristics

