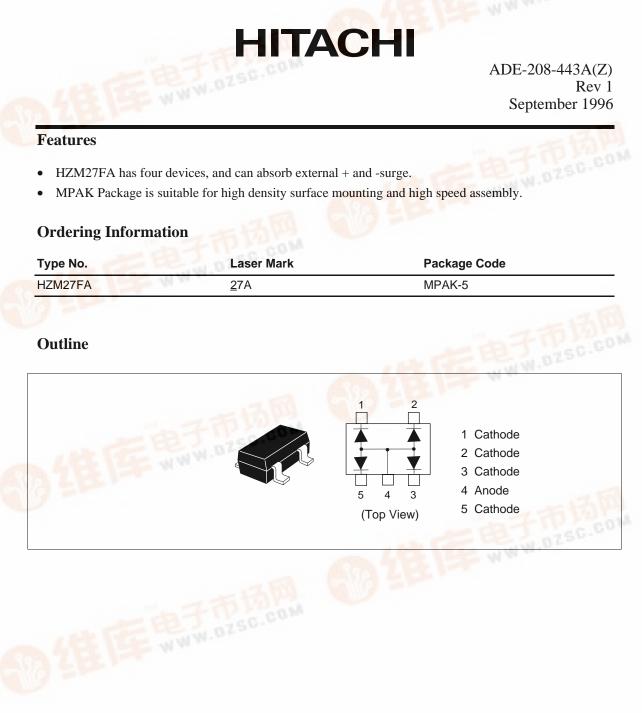




Silicon Epitaxial Planar Zener Diode for Surge Absorb





Absolute Maximum Ratings (Ta = 25° C)

Item	Symbol	Value	Unit	
Power dissipation	Pd ^{*1}	200	mW	
Junction temperature	Тј	150	٥C	
Storage temperature	Tstg	-55 to +150	°C	

Note 1. Four device total, With P.C board.

Electrical Characteristics (Ta = 25° C) ^{*1}

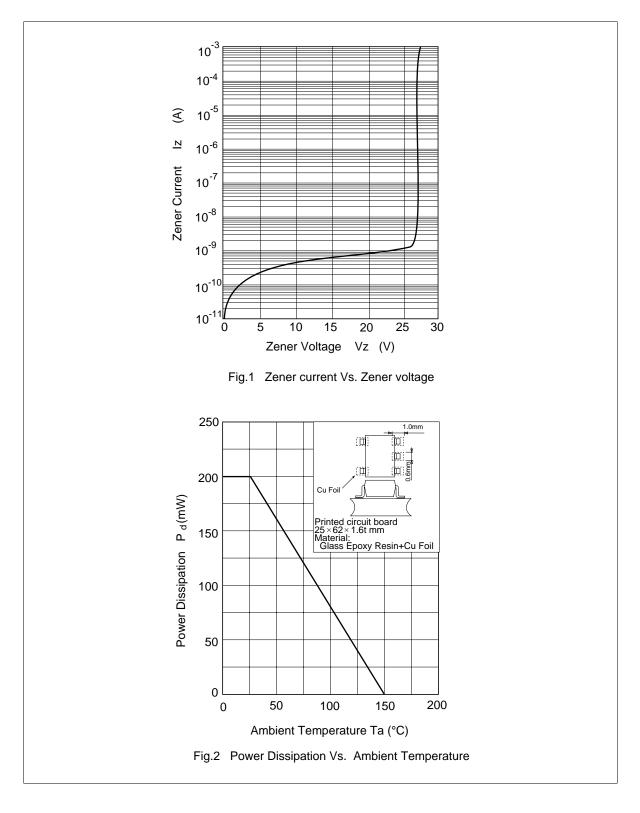
Item	Symbol	Min	Тур	Max	Unit	Test Condition
Zener voltage	Vz	25.10	_	28.90	V	$I_z = 2 \text{ mA}$, 40ms pulse
Reverse current	I _R	—	—	2	μA	V _R = 21V
Capacitance	С	—	(27)*3	—	pF	$V_R = 0V$, f = 1 MHz
Dynamic resistance	r _d	—	—	70	Ω	$I_z = 2 \text{ mA}$
ESD-Capability	—	30	—	—	kV	C =150pF, R = 330 Ω , Both forward and reverse direction 10 pulse ⁻²

Notes 1. Per one device.

2. Failure criterion ; IR>2 μ A at VR = 21V.

3. Reference only.

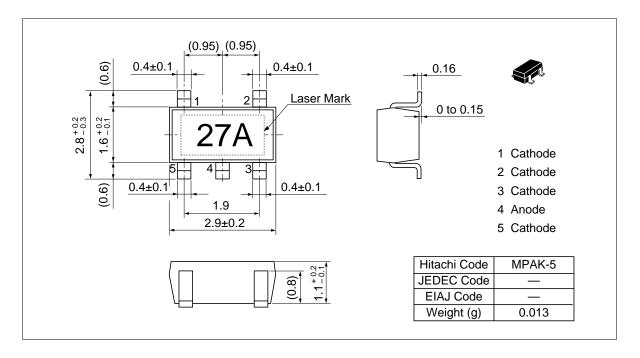
Main Characteristic



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Package Dimensions

Unit : mm



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