

U5ZA27(Z),U5ZA27C

Unit: mm

TOSHIBA ZENER DIODE SILICON DIFFUSED-JUNCTION TYPE

U5ZA27(Z),U5ZA27C

BEST SUITED FOR OVERVOLTAGE PROTECTION OF ELECTRONICSYSTEM : ELECTRONIC SYSTEM FOR USE IN AUTOMOBILES ELECTRONIC SYSTEM FOR COMMERCIAL USE ELECTRONIC SYSTEM FOR INDUSTRIAL USE FOR COMMUNICATIONS, CONTROLS, MEASURING INSTRUMENTS, ETC.

- High surge power withstanding capabilities that absorb load dump surge.
- Excellent surge responsibility for steep surge absorption.
- Surface mount type is available for easy applications. Axial lead type is also available.
- Corresponds to taping packages.

MAXIMUM RATINGS (Ta = 25°C)

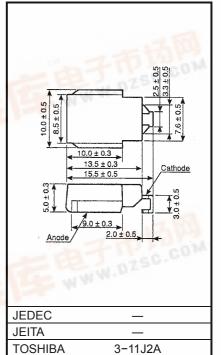
CHARACTERISTIC	SYMBOL	RATINGS	UNIT
Allowable power dissipation (Note 1)	Pec.	5	W
Non-repetitive peak reverse surge current (See Fig.1 for the exponents.)	I _{RSM}	62	А
Junction temperature	Tj	-40~150	°C
Storage temperature	T _{stg}	-40~150	°C

Note 1: Lead tip temperature T_L = 25°C

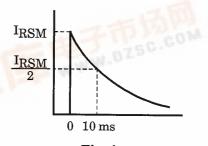
ELECTRICAL CHARACTERISTICS (Ta = 25°C)

Type No. V _Z [V] (I _Z = 10 n)	ge Operating resistance rd [Ω] A) (I _Z = 10 mA)	$V_{F}[V]$	everse current I _R [μΑ] (V _R = 22 V)
Min Typ.	Max Max 🥢	Typ. Max Max	Max
U5ZA27(Z) / C 24.0 27	30.0 30	23 36 1.2	10





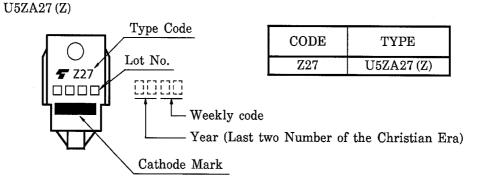
Weight: 2.5 g





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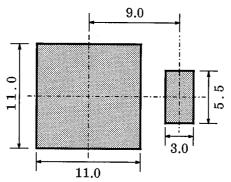
MARKING



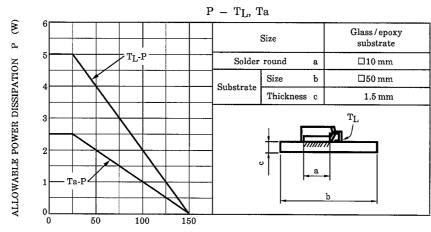
U5ZA27C Type Code Lot No. T 27C U5ZA27C CODE TYPE 27C U5ZA27C Weekly code Year (Last two Number of the Christian Era) Cathode Mark

STANDARD SOLDERING PAD

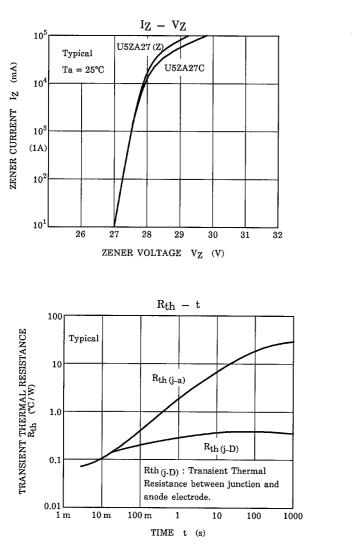
Unit: mm

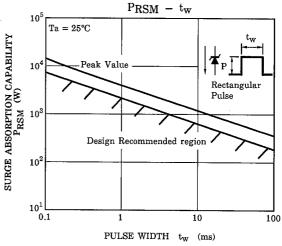


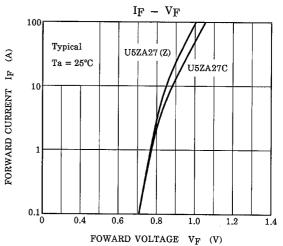
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LEAD TEMPERATURE TL, AMBIENT TEMPERATURE Ta (°C)







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