查询U5ZA40C供应商 TOSHIBA

U5ZA40C

Unit: mm

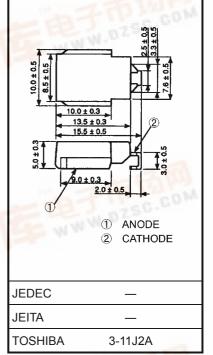
TOSHIBA Zener Diode Silicon Diffused-Junction Type

U5ZA40C

Best Suited for Overvoltage Protection of Electronic System: 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.
- Corresponds to taping packages.

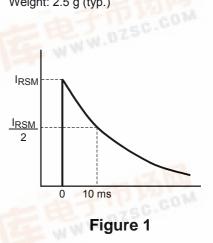


Weight: 2.5 g (typ.)

Maximum Ratings (Ta = 25°C)

Characteristics	Symbol	Rating	Unit
Allowable power dissipation (Note1)	P	5	W
Non-repetitive peak reverse surge current (see figure 1 for the exponents.)	IRSM	62	А
Peak one cycle surge forward current (single half sine-wave, t = 10 ms)	IFSM	700	A
Junction temperature	Тј	-40~150	°C
Storage temperature	T _{stg}	-40~150	°C

Note1: Lead tip temperature $T_L = 25^{\circ}C$

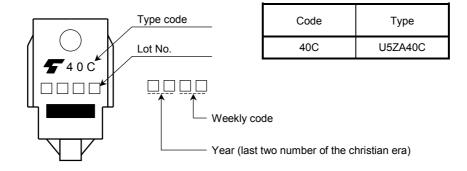


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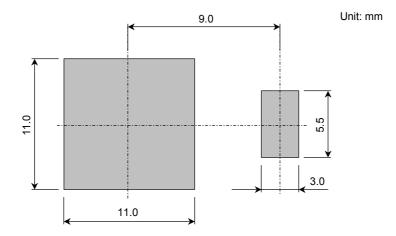
Electrical Characteristics (Ta = 25°C)

Type No.	Zener Voltage Vz [V] (Iz = 10 mA)		Operating Resistance r _d [Ω] (I _Z = 10 mA)	Temperature Coefficient α_T [mV/°C] (I _Z = 10 mA)		Forward Voltage V _F [V] (I _F = 6 A)	Reverse Current I _R [µA] (V _R = 32 V)	
	Min	Тур.	Max	Max	Тур.	Max	Max	Max
U5ZA40C	36.0	40.0	44.0	30	31	49	1.2	10

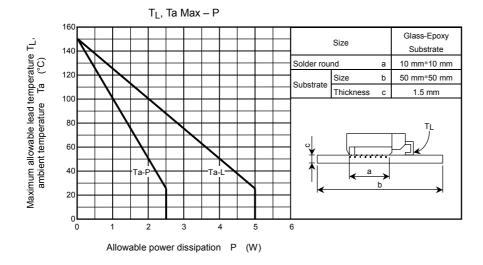
Marking

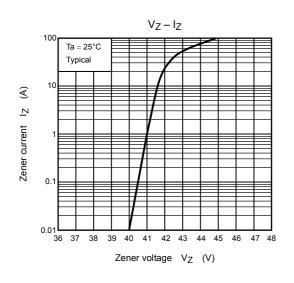


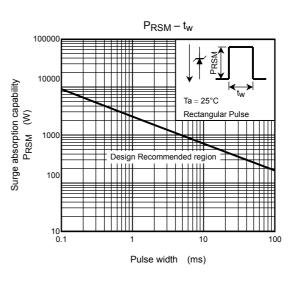
Standard Soldering Pad

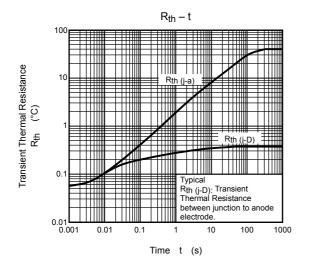


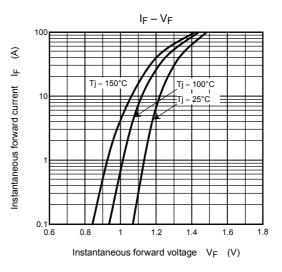
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