



Micro Commercial Components

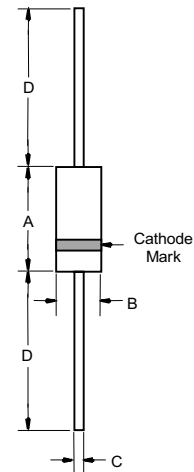


Micro Commercial Components
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1SS244

300mW
Switching Diode
250 Volts

DO-34



Features

- Lead Free Finish/Rohs Compliant (Note1) ("P" Suffix designates Compliant. See ordering information)
High voltage switching
General purpose rectification
V\_R=250V guaranteed.
High reliability.
Silicon epitaxial planar
Marking : Cathode band and type number
Moisture Sensitivity Level 1

Absolute maximum Ratings

Table with 4 columns: Symbol, Rating, Rating, Unit. Rows include V\_RM, V\_R, I\_FM, I\_O, I\_SURGE, P\_D, T\_J, T\_STG.

Electrical Characteristics @ 25°C Unless Otherwise Specified

Table with 5 columns: Symbol, Parameter, Min, Max, Units. Rows include V\_F, I\_R, C\_T, trr.

Note: 1. Lead in Glass Exemption Applied, see EU Directive Annex 5.

DIMENSIONS table with columns: DIM, INCHES (MIN, MAX), MM (MIN, MAX), NOTE. Rows include A, B, C, D.

# 1SS244

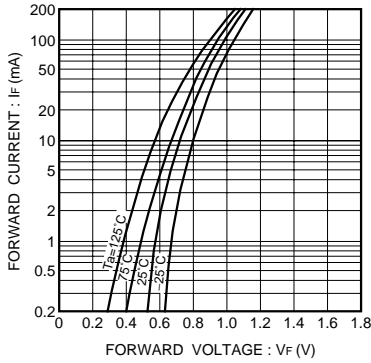


Fig.1 Forward characteristics

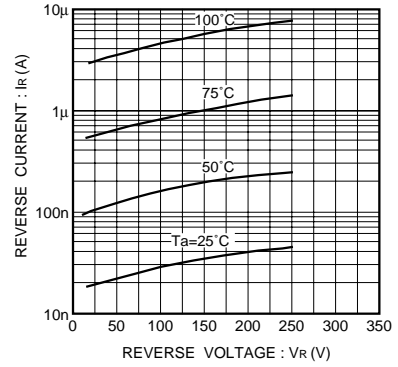


Fig.2 Reverse characteristics

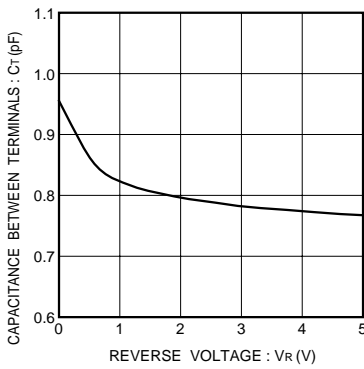


Fig.3 Capacitance between terminals characteristics

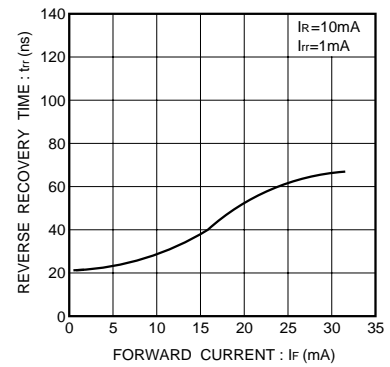


Fig.4 Reverse recovery time characteristics

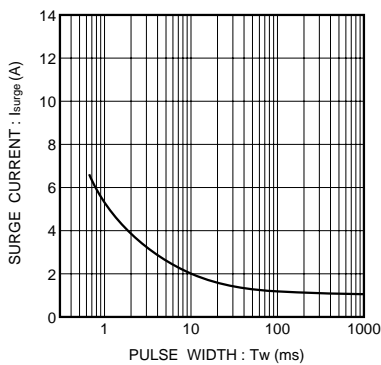


Fig.5 Surge current characteristics

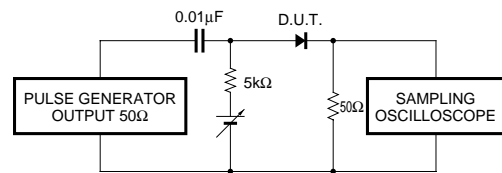


Fig.6 Reverse recovery time ( $t_{rr}$ ) measurement circuit



TM

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### Ordering Information :

Device	Packing
Part Number-TP	Tape&Reel: 10Kpcs/Reel
Part Number-AP	Ammo Packing: 5Kpcs/Ammo Box

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