



Surface Mount Ultrafast Rectifier Diode

Features

- " Ultrafast reverse recovery time
- " Low leakage current
- " Low switching losses, high efficiency
- " High forward surge capability
- " Solder dip 260 °C max. 10 s, per JESD 22-B106

Typical Applications

For use in high frequency rectification and freewheeling application in switching mode converters and inverters for consumer, computer and telecommunication.

Mechanical Data

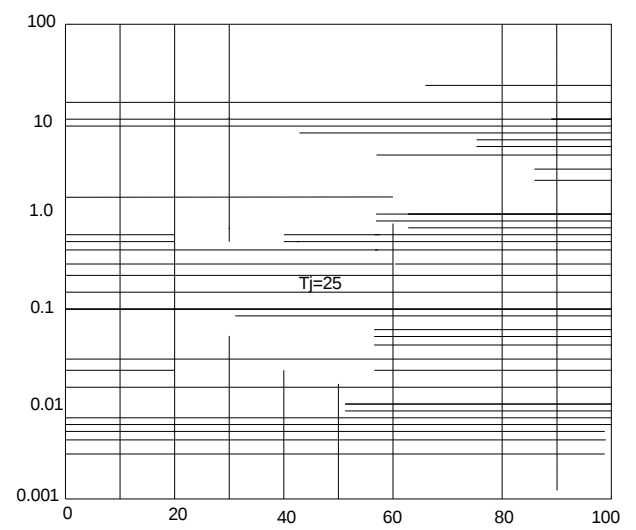
- " Package : TO-277
- Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant, halogen-free
- " Terminals : Tin plated leads, solderable per J-STD-002 and JESD22-B102
- " Polarity : Color band denotes the cathode end

Maximum Ratings (T_j=25 Unless otherwise specified)

PARAMETER	SYMBOL	UNIT	MUR5U60
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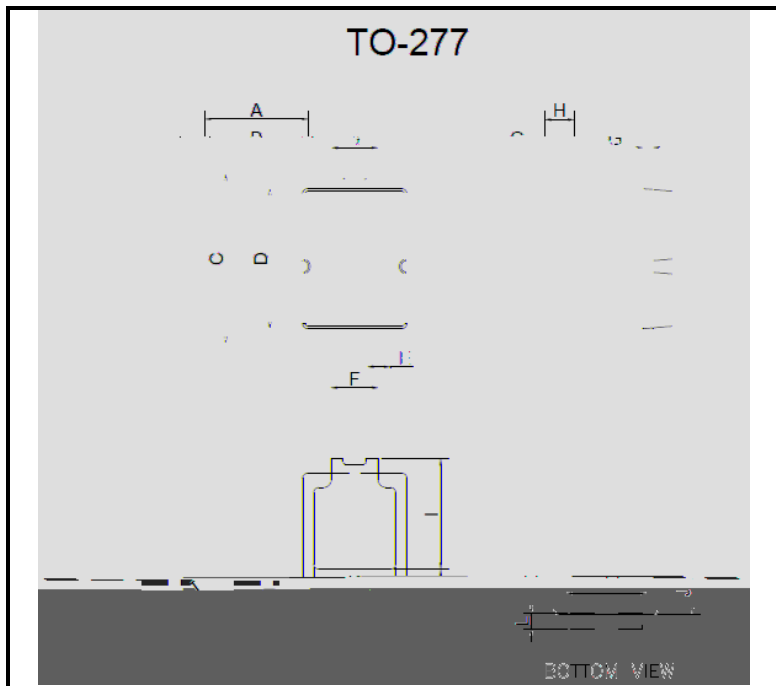


vCharacteristics (Typical)



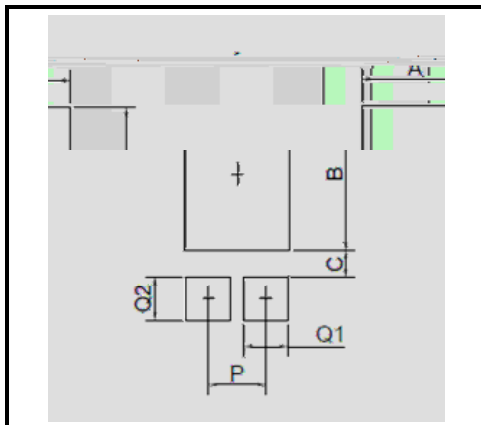


vOutline Dimensions



DIM	mm	
	MIN.	MAX.
A	3.90	4.10
B	1.70	1.90
C	6.40	6.60
D	5.30	5.50
E	0.80	1.00
F	1.85 REF	
G	0.35	0.45
H	1.10	1.20
I	4.10	4.50
J	1.50	1.90
K	2.90	3.40
L	0.55	0.75

■ Suggested pad layout



DIM	MIN.(mm)
A	3.36
B	4.86
C	0.85
P	1.84
Q1	1.40
Q2	1.40



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