



Micro Commercial Components



Micro Commercial Components
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1N60
1N60P

Features

- High Reliability
Low Reverse Current and Low Forward Voltage
Marking : Cathode band and type number
Lead Free Finish/Rohs Compliant (Note1) ("P" Suffix designates Compliant. See ordering information)
Moisture Sensitivity Level 1

Maximum Ratings

- Storage & Operating Junction Temperature: -65°C to +125°C

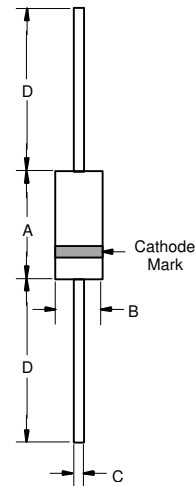
Electrical Characteristics @ 25°C Unless Otherwise Specified

Table with 5 columns: Parameter, Symbol, Type, Value, Test Condition. Rows include Repetitive Peak Reverse Voltage, Average Forward Current, Peak Forward Surge Current, and Junction Ambient.

Note: 1. Lead in Glass Exemption Applied, see EU Directive Annex 7(C)-I.

Schottky Barrier Rectifier

DO-35



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

1N60, 1N60P

Electrical Characteristics @ 25°C Unless Otherwise Specified

Parameter	Test Conditions	Type	Symbol	Min	Typ	Max	Unit
Forward voltage	$I_F=1\text{mA}$	1N60	V_F	---	0.32	0.5	V
		1N60P	V_F	---	0.24	0.5	V
	$I_F=30\text{mA}$	1N60	V_F	---	0.65	1.0	V
		1N60P	V_F	---	0.65	1.0	V
Reverse current	$V_R=15\text{V}$	1N60	I_R	---	0.1	0.5	μA
		1N60P	I_R	---	0.5	1.0	μA
Junction capacitance	$V_R=1\text{V}, f=1\text{MHz}$	1N60	C_J	---	2.0	---	pF
	$V_R=10\text{V}, f=1\text{MHz}$	1N60P	C_J	---	6.0	---	pF
Reverse recovery time	$I_F=I_R=1\text{mA}, I_{rr}=1\text{mA}$ $R_C=100\Omega$		t_{rr}	---	---	1.0	ns



TM

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Ordering Information :

Device	Packing
Part Number-TP	Tape&Reel: 10Kpcs/Reel
Part Number-AP	Ammo Packing: 5Kpcs/AmmoBox
Part Number-BP	Bulk: 100Kpcs/Carton

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