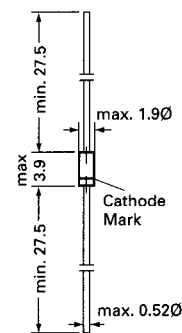


1S2638
TUNER AFC DIODE

AFC Diode

The 1S2638 is a variable Capacitor Diode intended for AFC Applications, VHF TV Applications, FM Receivers. Air Craft Communications Gear, and other receivers in the 1 MHz to 500 MHz.



Glass case JEDEC DO-35

Dimensions in mm

Absolute Maximum Ratings (T_a = 25 °C)

	Symbol	Value	Unit
Breakdown Voltage	BV	10	Volts
Forward Current	I _F	250	mA
Power Dissipation	P _D	350	mW
Operating Temperature	T _A	-65 to + 175	°C
Storage Temperature	T _S	-65 to + 200	°C

ELECTRICAL SPECIFICATIONS (T_A = 25°C unless otherwise noted.)

PARAMETER	MIN.	TYP.	MX.	UNITS	TEST CONDITIONS
I _R			5	μA	V _R = 10V
Nominal Capacitance	5	10	20	PF	V _R + 4.0V, f = 1.0 MHz
Q	50				V _R = 4V, f = 100MHz

