

# 1SV99

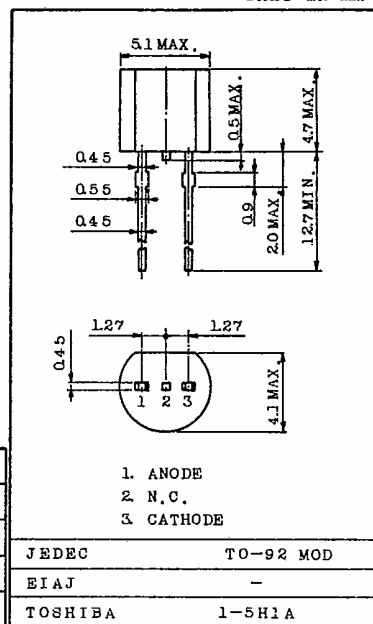
Silicon Epitaxial Pin Type

1-501-13

Diode

RF ATTENUATOR APPLICATIONS.  
RF BAND SWITCH APPLICATIONS.

Unit in mm



## MAXIMUM RATINGS (Ta=25°C)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Reverse Voltage	$V_R$	50	V
Forward Current	$I_F$	50	mA
Junction Temperature	$T_j$	125	°C
Storage Temperature Range	$T_{stg}$	-55 ~ 125	°C

Weight : 0.2g

## ELECTRICAL CHARACTERISTICS (Ta=25°C)

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Forward Voltage	$V_F$	$I_F=50mA$	-	0.9	-	V
Reverse Current	$I_R$	$V_R=50V$	-	-	0.1	$\mu A$
Total Capacitance	$C_T$	$V_R=30V, f=1MHz$	-	0.3	0.5	pF
Series Resistance	$r_s$	$I_F=10mA, f=100MHz$	-	7	10	$\Omega$

