

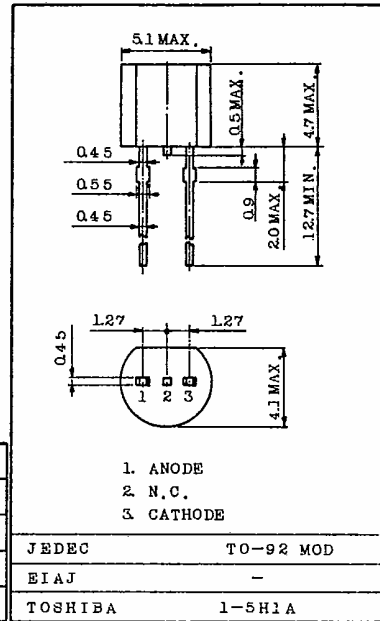
1SV99

Silicon Epitaxial Pin Type
Diode

1-501-13

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	μA
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	Ω

