

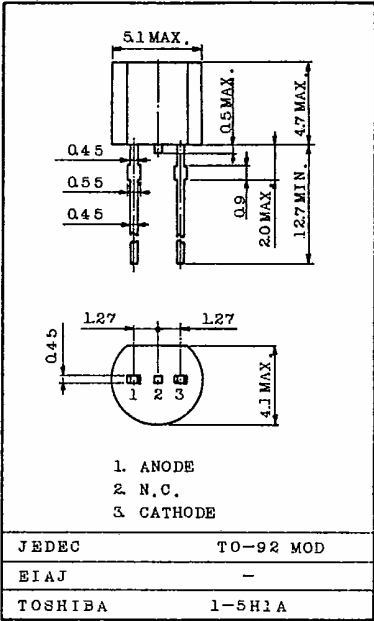
1SV99

Silicon Epitaxial Pin Type
 Diode

1-5H1A

RF ATTENUATOR APPLICATIONS.
 RF BAND SWITCH APPLICATIONS.

Unit in mm



Weight : 0.2g

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

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

