

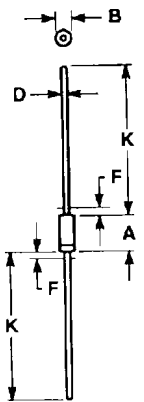
TUNING VARACTOR

DESCRIPTION:

The **ASI MV1404H** is a Silicon Hyper-Abrupt Junction Microwave Tuning Varactor Diode, With Hi-Rel Screening.

MAXIMUM RATINGS

I	12 A
V	250 A
P_{DISS}	400 mW @ T _A = 25 °C
T_J	-65 °C to +175 °C
T_{STG}	-65 °C to +200 °C

PACKAGE STYLE D0-7					
	Millimeters		Inches		
	Dim:	Min	Max	Min	Max
	A	5.84	7.62	0.230	0.300
	B	2.16	2.72	0.085	0.107
	D	0.46	0.56	0.018	0.022
	F	---	1.27	---	0.050
	K	25.40	38.10	1.000	1.500

CHARACTERISTICS T_A = 25 °C

SYMBOL	TEST CONDITIONS		MINIMUM	TYPICAL	MAXIMUM	UNITS
V _B	I _R = 10 μA		12			V
I _R	V _R = 10 V				100	μA
C _{t-2}	V _R = 2.0 V	f = 1.0 MHz	96	120	144	pF
Q	V _R = 2.0 V	f = 1.0 MHz	200			---
L _S		f = 250 MHz		5.0		μH
C _C		f = 1.0 MHz		0.25		pF
T _R	C _{t-2} /C _{t-10}	f = 1.0 MHz	10			---