



DKV6516

TUNING VARACTOR

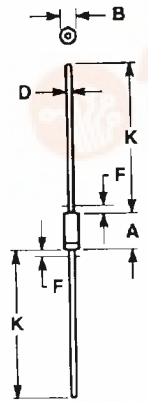
DESCRIPTION:

The **DKV6516** is a Silicon Hyper-Abrupt Junction Microwave Tuning Varactor Diode.

MAXIMUM RATINGS

V_R	12 V
I_F	40 mA
P_{DISS}	200 mW @ T _A = 25 °C
T_J	-55 °C to +125 °C
T_{STG}	-55 °C to +175 °C

PACKAGE STYLE D0-204AA				
Dim:	Millimeters		Inches	
	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 _{BR}	I _R = 10 μA	12			V
I _R	V _R = 10 V			1	mA
C _{T2}	V _R = 2.0 V f = 1.0 MHz	140			pF
C _{T10}	V _R = 10 V f = 1.0 MHz			18	pF
C _{T2} /C _{T10}	f = 1.0 MHz	10			---
Q	V _R = 2.0 V f = 1.0 MHz	200			

