

SILICON HYPERABRUPT VARACTOR DIODE

DESCRIPTION:

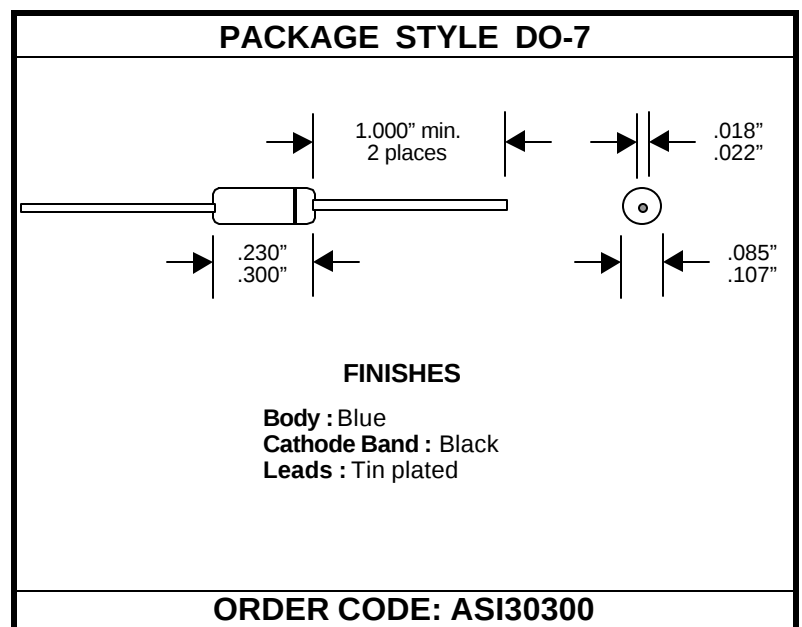
The **DKV6534B** is designed for UHF Filter and Oscillator Applications that Require Octave tuning.

FEATURES:

- $T_R = 5.8$ Typical at $V_R = 3 / 20$ V
- $Q = 300$ Typical at 3 V /50 MHz
- Hermetic **DO-7** Package

MAXIMUM RATINGS

I_F	50 mA
V_R	22 V
P_{DISS}	250 mW @ $T_C = 25$ °C
T_J	-55 °C to + 125 °C
T_{STG}	-55 °C to +175 °C



CHARACTERISTICS $T_C = 25$ °C

SYMBOL	TEST CONDITIONS	MINIMUM	TYPICAL	MAXIMUM	UNITS
V_{BR}	$I_R = 10$ μ A	22			V
I_R	$V_R = 20$ V			100	nA
C_T	$V_R = 2.0$ V MHz $V_R = 10$ V $V_R = 20$ V	25 10.0 4.5		31 13.5 5.3	pF
T_R	$V_R = 3$ & 20 V MHz	4.7		6.9	---
Q	$V_R = 3.0$ V MHz	200	300		



ADVANCED SEMICONDUCTOR, INC.

7525 ETHEL AVENUE • NORTH HOLLYWOOD, CA 91605 • (818) 982-1202 • TELEX: 18-2651 • FAX (818) 765-3004