

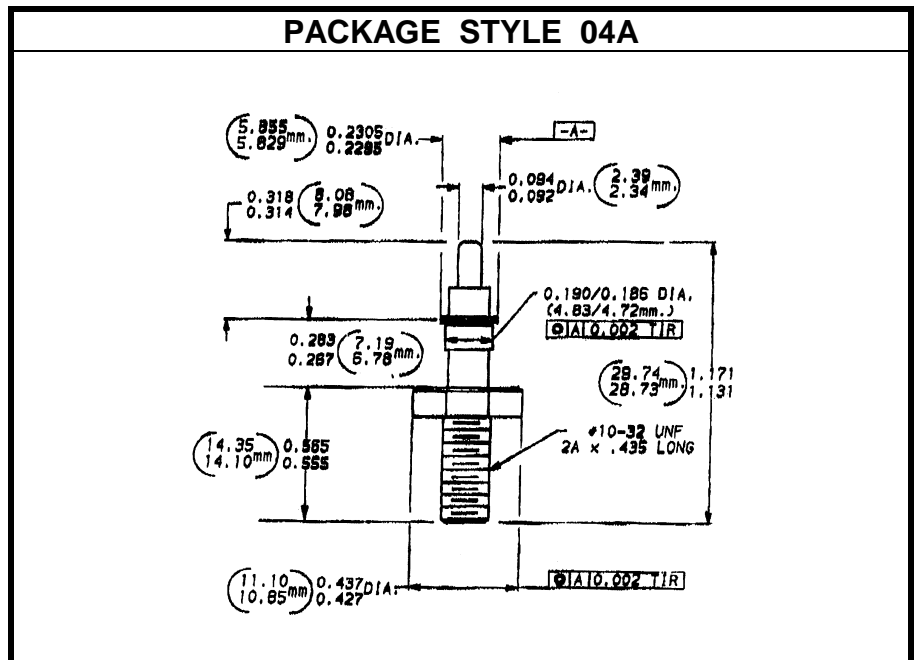
SILICON MULTIPLIER VARACTOR DIODE

DESCRIPTION:

The **MA4060B** is a Silicon High Power UHF-VHF Multiplier Varactor Diode.

MAXIMUM RATINGS

I	100 mA
V	90 V
P_{DISS}	12.5 W @ T _C = 25 °C
T_J	-65 °C to +150 °C
T_{STG}	-65 °C to +150 °C
θ_{JC}	9.0 °C/W


CHARACTERISTICS T_C = 25 °C

SYMBOL	TEST CONDITIONS	MINIMUM	TYPICAL	MAXIMUM	UNITS
V_B	I _R = 10 μA	90			V
C_T	V _R = 0 V		f = 1.0 MHz	40	pF
R_s			f = 500 MHz	2.0	Ohms
P_{IN}	POWER IN - DYNAMIC TEST EFFICIENCY AS TRIPLER 55% MIN	11	12	13	W