



Eimac 2-01C UHF diode



This valve measures 43mm from pinch to tip and 15mm across at the widest point.

The Eimac 2-01C is a small, closely-spaced, low-capacitance, high-vacuum diode designed for use through the ultra-high frequencies. In measurement work, it is well suited to mounting in a probe and will maintain accuracy in the order of ± 1 db up to 700MHz. It is useful as an indicator at frequencies as high as 3GHz. It is used as the detector diode in an HP 410B VTVM.

See also US Patent 2,491,735

Heater voltage	5V
Heater current	340mA
Max peak PIV	1000V
Max DC anode current	1mA
Max anode dissipation	100mW
Anode resistance (at 12V)	8k ohms av., 25k ohms max
Resonant frequency (approx)	2800MHz
Zero signal voltage (11M ohm load)	0.6 to 1.4V
Direct interelectrode capacitance	0.7pF



Below is a picture of a Tiode, a tie pin made up from a 2-01C.



(Picture supplied by Tom O'Brien)

(thanks to Ludwell Sibley, Brad Thompson, Tom O'Brien & Al Klase for information)

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FOR SALE: Note that any valve which is not CV marked is now for sale. Contact me via email - see the home page.