

The VTX-5686C pulsed-coupled cavity TWT covers 9.5 GHz to 10.5 GHz with 120 kW peak output power, 30 % duty cycle. This device has a Mode-Anode pulsed and single stage depressed collector to achieve 48 dB gain.

Custom configurations are also available. These variations in the performance and configuration include: cooling method (affects average power level), mechanical configuration, electrical and RF connections.

Typical Operating Parameters

24 dia X

40 la

inches

-44 9	-42 12	kV
 38 -1100 60 	11 8 40 -900 200 40 10 300 30 60 350	α V A V V V A W μsec % gpm psi bs
	9 38 -1100 60 	$\begin{array}{cccccccccccccccccccccccccccccccccccc$

The values listed above represent specified limits for the product and are subject to change. The data should be used for basic information only. Formal, controlled specifications may be obtained from CPI for use in equipment design.

Dimensions

For additional information on CPI MPP products contact:

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