

The Eimac YU-182 is a medium-Mu, forced air cooled triode intended for use as a power oscillator in industrial heating applications.



CHARACTERISTICS

Plate Dissipation (Max.)	1.500 Watts
Screen Dissipation (Max.)	N/A
Grid Dissipation (Max.)	75 Watts
Frequency for Max. rating (CW)	30 MHz
Amplification Factor	24
Filament/Cathode	Thoriated Tungsten
Voltage	6.3 Volts
Current	25 Amps
Capacitance	Grounded Cathode
Input	13 pf
Output	0.8 pf
Feedthrough	8.5 pf
Capacitance	N/A
Input	N/A
Output	N/A
Feedthrough	N/A
Cooling	Forced Air
Base	5-Pin Special
Air Socket	SK-410
Air Chimney	N/A
Boiler	N/A
Length	5.55 in; 136 mm
Diameter	3.95 in; 96.8 mm
Weight	2.5 lb; 1.1 kg

Class of Operation	Type of Service	MAXIMUM RATINGS		TYPICAL OPERATION				
		Plate Voltage (Volts)	Plate Current (Amps)	Plate Voltage (Volts)	Screen Voltage (Volts)	Plate Current (Amps)	Drive Power (Watts)	Output Power (kiloWatts)
C	RF Industrial Oscillator	7,000	0.8	6,000	-550	0.65	85	2.80

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.



For information on this and other CPI MPP products, visit our website at: www.cpii.com, or contact: CPI Microwave Products Division, Eimac Operation, 607 Hansen Way, Palo Alto, CA 94303
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