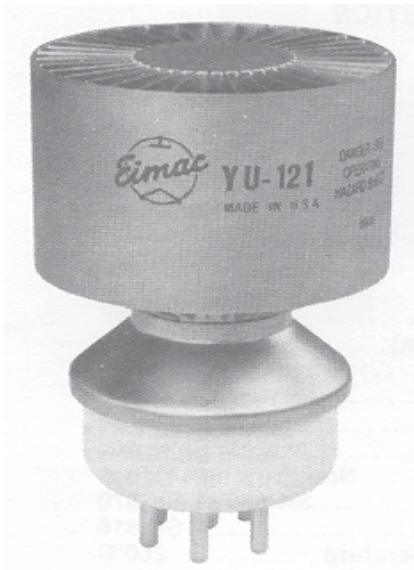


3CX1200D7/YU-121

The 3CX1200D7/YU-121 is a high- μ , forced air cooled, rugged, ceramic/metal power triode intended for use as a grounded grid, zero bias class AB2 amplifier.



CHARACTERISTICS

Plate Dissipation (Max.)	1,200 Watts
Screen Dissipation (Max.)	---
Grid Dissipation (Max.)	50 Watts
Frequency for Max. rating (CW)	110 MHz
Amplification Factor	200
Filament/Cathode	Thoriated Tungsten
Voltage	6.3 Volts
Current	25.0 Amps
Capacitance	Grounded Cathode
Input	17.6 pf
Output	0.57 pf
Feedthrough	9.7 pf
Capacitance	---
Input	--- pf
Output	--- pf
Feedthrough	--- pf
Cooling	Forced Air
Base	5 Pin Special
Air Socket	SK-410
Air Chimney	SK-446
Boiler	---
Length	5.0 in; 12.7 cm
Diameter	3.5 in; 8.9 cm
Weight	2.36 lb ; 1.07 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)
AB	RF linear amplifier	5,500	0.8	4,000	---	.562	53	1.6

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 products, visit our website at: www.cpii.com, or contact: CPI MPP Division, Eimac Operations, 607 Hansen Way, Palo Alto, CA 94303
TELEPHONE: 1(800) 414-8823. **FAX:** (650) 592-9988 | **EMAIL:** powergrid@cpii.com