1500 W MEDIUM MU POWER TRIODE 3CX1500D3

Communications & Power Industries Triode

The 3CX1500D3 is a forced-air cooled, ceramic/metal medium-mu triode designed primarily for use in industrial RF heating services. Input of 4.3 kW is permissible up to 110 MHz. Plentiful reserve emission is available from its 158 watt filament. The grid structure is rated at 75 watts making this tube an excellent choice for industrial service.

FEATURES:

Maximum plate dissipation:	1,500 Watts
Maximum screen dissipation:	---
Maximum grid dissipation:	75 Watts
Frequency for max rating (CW):	110 MHz
Amplification factor:	24
Filament/cathode:	Thoriated Tungsten
Voltage:	6.3 Volts
Current:	25.0 Amps
Capacitance: Grounded cathode	
Input:	10.0 pF
Output:	0.9 pF
Feedthrough:	10.0 pF
Capacitance: Grounded grid	
Input:	--- pF
Output:	--- pF
Feedthrough:	--- pF
Cooling:	Forced Air
Base:	
Air Socket:	SK-410
Air Chimney:	SK-446
Boiler:	---
Length:	5.625 in; 14.29 cm
Diameter:	3.42 in; 8.69 cm
Weight:	3.2 lb; 7.1 kg

BENEFITS:

- Worldwide brand name recognition
- Over 85 years technical expertise

APPLICATIONS:

- Industrial

		MAXIMUM RATINGS		TYPICAL OPERATION				
Class of Operation	Type of Service	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 or amplifier	7,000	0.8	6,000	---	0.65	85	2.8

With a history of producing high quality products, we can help you with your triode.
Contact us at MPPMarketing@cpii.com or call us at +1 650-846-2800. The data should be used for basic information only.
Formal, controlled specifications may be obtained from CPI for use in equipment design.

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