

Communications & Power Industries Triode



The ML-6697A is a forced-air cooled ceramic/metal triode designed for AM broadcast and communications amplifiers and for industrial heating service. The heavy wall anode with high efficiency disc fins is capable of dissipating 35 kW. The ML-6697A will operate with plate voltages up to 16 kV in CW operation. Maximum ratings apply at frequencies up to 40 MHz. Useful power output can be obtained at frequencies up to 80 MHz with reduced ratings.

FEATURES:

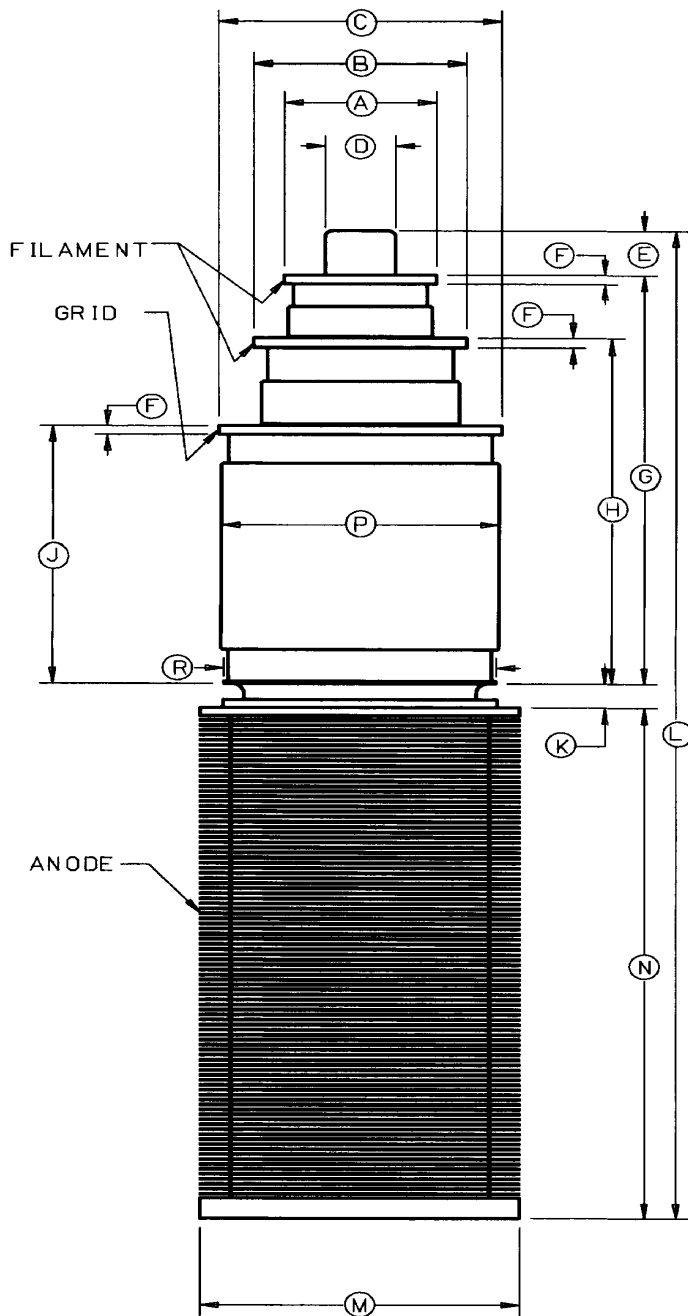
Filament Voltage:	13.0 Volts
Filament Current:	205 Amps
Filament Starting Current, Max:	800 Amps
Amplification factor:	20
Filament/cathode:	Thoriated Tungsten
Voltage:	--- Volts
Current:	--- Amps
Capacitance: Grounded cathode	
Input:	55 pF
Output:	76 pF
Feedthrough:	2.7 pF
Capacitance: Grounded grid	
Input:	--- pF
Output:	--- pF
Feedthrough:	--- pF
Cooling:	Forced Air
Base:	Coaxial
Air Socket:	---
Air Chimney:	---
Boiler:	---
Length:	19.875; 504.83 mm
Diameter:	5.281 in; 134.14 mm
Weight:	43 lbs;

BENEFITS:

- Worldwide brand name recognition
- Over 85 years technical expertise

APPLICATIONS:

- Industrial
- Communications



DIMENSIONAL DATA						
DIM.	INCHES			MILLIMETERS		
	MIN.	MAX.	REF.	MIN.	MAX.	REF.
A	2.469	2.531		62.71	64.29	
B	3.469	3.531		88.11	89.69	
C	4.619	4.681		117.32	118.90	
D	--	1.187		--	30.15	
E	--	1.000		--	25.40	
F	.125	--		3.18	--	
G	7.750	8.000		196.85	203.20	
H	6.500	6.750		165.10	171.45	
J	4.812	4.937		122.22	125.40	
K	.312	--		7.92	--	
L	--	19.875		--	504.83	
M	5.219	5.281		132.56	134.14	
N	10.000	10.250		254.00	260.35	
P	--	4.720		--	119.89	
R	--	5.280		--	134.11	
S						
T						
U						
V						
W						
X						
Y						
Z						

NOTES:

1. REF DIMENSIONS ARE FOR INFO ONLY & ARE NOT REQUIRED FOR INSPECTION PURPOSES.

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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For more detailed information, please refer to the corresponding CPI technical description if one has been published, or contact CPI. Specifications may change without notice as a result of additional data or product refinement. Please contact CPI before using this information for system design.

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