



ELECTRONIC
INNOVATIONS
IN ACTION

TUBES

— PRODUCT INFORMATION —

19CG3

Compactron Diode

FOR TV DAMPING DIODE APPLICATIONS

The 19CG3 is a compactron containing a single heater-cathode type diode. It is intended for service as the damping diode in the horizontal-deflection circuit of color television receivers.

Except for heater characteristics and ratings, the 19CG3 is identical to the 6CG3.

GENERAL

ELECTRICAL

Cathode - Coated Unipotential

Heater Characteristics and Ratings

Heater Voltage, AC or DC*	19	Volts
Heater Current†	0.6±0.04	Amperes
Heater Warm-up Time, average§	11	Seconds

NOTES

- * Heater voltage for a bogey tube at $I_f = 0.6$ amperes.
- † The equipment designer should design the equipment so that heater current is centered at the specified bogey value, with heater supply variations restricted to maintain heater current within the specified tolerance.
- § The time required for the voltage across the heater to reach 80 percent of the bogey value after applying 4 times the bogey heater voltage to a circuit consisting of the tube heater in series with a resistance equal to 3 times the bogey heater voltage divided by the bogey heater current.

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