



ELECTRONIC
INNOVATIONS
 IN ACTION

TUBES

— **PRODUCT INFORMATION** —

3CS6

Heptode

FOR GATED AMPLIFIER SERVICE

The 3CS6 is a miniature dual-control heptode designed primarily for use as a combined sync separator and sync clipper in television receivers. Each of the two independent control grids exhibits a sharp-cutoff characteristic.
 Except for heater characteristics, the 3CS6 is identical to the 6CS6.

GENERAL

ELECTRICAL

Cathode - Coated Unipotential

Heater Characteristics and Ratings

| | | | |
|-------------------------------|-----------|----------|---------|
| Heater Voltage, AC or DC* | | 3.15 | 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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