



ELECTRONIC TUBE REFERENCE

220DD

Diode (NOT rectifier) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

DIODE-DIODE

Cossor twin-diode valve for detector, AVC, and related signal-rectification functions in battery receivers. Two diode sections permit complementary detector and control-voltage duties within one envelope.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	5
NOMINAL HEATER	2 V / 200 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Common cathode	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Diode

No fixed ratings recorded.

Cossor 220 D.D. first physical signal-detector diode, part of a double diode with one common indirectly heated cathode, 2 V 0.2 A heater. Used for reception/signal detection, distinct from second diode used for AVC/delayed AVC voltage. Manufacturer's 1936 narrative does not provide separate numeric maximum current or inverse-voltage ratings; these remain NULL. Both diode sections represented physically.

SECTION2 Diode

No fixed ratings recorded.

Cossor 220 D.D. second physical diode for automatic volume control, including delayed AVC obtained with a small positive cathode offset; first diode handles signal detection. The two diode plates draw current from the same indirectly heated cathode. Heater 2 V 0.2 A. Source does not publish defensible independent current or inverse-voltage maxima, so corresponding fields remain NULL.

Cossor 220DD dualdiode for receiver/amplifier service as specified in the supplied catalogue datasheet.

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