



ELECTRONIC TUBE REFERENCE

DHL

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Cossor triode valve for receiving and amplifier service; available source material does not establish a narrower functional application confidently.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	16 V / 250 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	13000 Ω
TRANSCONDUCTANCE	0.0045 S
AMPLIFICATION FACTOR	58
MAXIMUM PLATE VOLTAGE	200 V
Published ratings/characteristics promoted from the approved datasheet. Cossor DHL indirectly heated 16 V, 0.25 A mains triode for detector or HF service, particularly power-grid detector in DC mains receivers. Maximum anode voltage 200 V. Typical transconductance 4.5 mA/V at anode voltage 100 V, zero grid bias; published amplification factor 58 and anode impedance 13,000 ohms.	

DHL: Cossor triode valve. The complete Cossor sheet was read for construction, technical data, operating recommendations, and application notes.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1936 Cossor Valve Manual

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1936 COSSOR VALVE MANUAL

Section 1 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/filament voltage	16 V	—
Heater/filament current	250 mA	—
Amplification factor	58	—
Intended service	High-frequency amplifier	—

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

193X Cossor

Published test conditions and operating points. Values on this page are preserved as reported by this source.

193X COSSOR

Section 1 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Amplification Factor	58	Published technical-data value