

ELECTRONIC TUBE REFERENCE

EL34II

Power - Pentode (NOT beam) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
PENTODE

Audio-frequency EL34-family output pentode for conventional power-amplifier service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	6.3 V / 1.5 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Pentode	
TRANSCONDUCTANCE	0.011 S
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM SCREEN VOLTAGE	265 V
Promoted from published typical characteristics and limiting values in EL34II.pdf; repeated identical physical sections are compressed where applicable.	

The source identifies this device as EL34 II a. f. OUTPUT pentode.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

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

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Section 1 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
U _f	6.3 V	Published value
I _f	1.5 A	Published value

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
U _a	250 V	Published value
U _{g3}	0 V	Published value
U _{g2}	265 V	Published value
U _{g1}	-13.5 V	Published value
I _a	100 mA	Published value
I _{g2}	14.9 mA	Published value

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
R _i	15 kΩ	Published value
μ _{g2/g1}	11	Published value
ca/g1	1.3 pF	Published value

TUBE TINKER

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