



ELECTRONIC TUBE REFERENCE

EF806SG

Voltage - Pentode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

Modern low-noise miniature pentode designed specifically for input stages of sound-recording and sound-reproducing equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	6.3 V / 200 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Pentode	
TRANSCONDUCTANCE	0.002 S
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM SCREEN VOLTAGE	200 V
MAXIMUM PLATE DISSIPATION	1 W
MAXIMUM SCREEN DISSIPATION	0.2 W
Published ratings and characteristics promoted from the approved source.	

Low-noise miniature pentode for input stages of sound recording and reproducing equipment.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

2026 Electro Harmonix

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

2026 ELECTRO HARMONIX

Section 1 · Pentode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Input Capacitance	4 pF	—
Output Capacitance	5.5 pF	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
TransferCapacitance	0.05 pF	—



SOURCE OPERATING CONDITIONS

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2026 Tungsol Rebrand

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

2026 TUNGSQL REBRAND

Section 1 · Pentode

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	SoundRecordingInputStage text	—
Application	SoundReproducingInputStage text	—

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

