ELECTRONIC TUBE REFERENCE

6550EH

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
BEAMPOWER

Modern 6550-family beam-power tube intended for high-power audio output stages, providing substantial current and plate dissipation for push-pull amplifier service.

General characteristics

BASE DESIGNATION	–	**BASE PINS**	8
NOMINAL HEATER	6.3 V / 1.6 A	**PARALLEL HEATER**	– / –
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Beam Power

TRANSCONDUCTANCE	0.0082 S
MAXIMUM PLATE VOLTAGE	660 V
MAXIMUM SCREEN VOLTAGE	440 V
MAXIMUM PLATE DISSIPATION	44 W
MAXIMUM SCREEN DISSIPATION	6.6 W

Published ratings and characteristics promoted from the approved source.

Beam tetrode for low-frequency power amplification in HI-FI audio output stages.

SOURCE OPERATING CONDITIONS

2026 Electro Harmonix

SOURCE PDF

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

2026 ELECTRO HARMONIX

Section 1 · Beam Power

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Cathode Current Maximum	**230 mA**	Triode connection
Power Output	**14 W**	Plate 400 V; Screen 225 V

TUBE TINKER

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

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