

Reliable hard-glass Bendix miniature dual-control pentode with a published 10,000-hour life expectancy. Designed for demanding professional service, it combines dual-control operation with long-life, high-reliability construction.

GENERAL CHARACTERISTICS

BASE DESIGNATION	E9-1	BASE PINS	9
NOMINAL HEATER	6.3 V / 250 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Pentode	
TRANSCONDUCTANCE	0.00325 S
MAXIMUM PLATE VOLTAGE	200 V
MAXIMUM SCREEN VOLTAGE	155 V
MAXIMUM PLATE DISSIPATION	2 W
MAXIMUM SCREEN DISSIPATION	0.85 W
MAXIMUM CATHODE CURRENT	18 mA
Published characteristics and ratings promoted where clearly recoverable from source.	

Bendix Aviation Corp. Bendix TE-43 Red Bark Division Page 1 of 1 Electron Tube Plant February 18, 1957 Eatontown, New Jersey TYPE 6486A (Tentative Data) Reliable Hard Glass Miniature Dual Control Pentode MECHANICAL DATA Coated unipotential cathode Outline drawing. . . . 6-2 Bulb. T-61/2 Base. + . . . + . E9-1 miniature button, 9-Pin Maximum bulb temperature + . . . + . 300°C Maximum diameter. . . . + « . + « . + « o « o « 4 4 « . . « . . 18 Maximum seated height 1-15/16 Maximum overall length 2-3/16 Pin connections Pin ! Grid #1 9DV Pin 6 Heater

Pin 2 Cathode Pin 7 Grid #2 Pin 3 No connection Pin 8 Cathode Pin 4 Heater Pin 9 Grid #3 Pin 5 Plate
Mounting position < any Life expectancy « .+ .+ . o« « o« . . . 10,000 hrs
ELECTRICAL DATA Direct Inter



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
Heater Voltage	6.3 V	Published datasheet value; see source context.
Plate Voltage	200 V	Published datasheet value; see source context.
Grid 2 Voltage	155 V	Published datasheet value; see source context.

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Current	250 mA	Published datasheet value; see source context.
Plate Current	3.5 mA	Published datasheet value; see source context.
Mutual Conductance	3250 μ S	Published datasheet value; see source context.

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