

Special-quality screened high-frequency pentode with a short-cutoff suppressor-grid characteristic for modulation, gating, and variable-reactance applications. Rugged construction supports these specialized control functions under shock and vibration.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 350 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Pentode	
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM SCREEN VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	3 W
MAXIMUM SCREEN DISSIPATION	1.5 W

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SOURCE OPERATING CONDITIONS

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1961 AEI Industrial Valves

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

1961 AEI INDUSTRIAL VALVES

Section 1 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum no-current anode voltage	550 V	Ia=0
Maximum no-current screen voltage	400 V	Ig2=0
Maximum shock	500 g	ShortDuration
Maximum acceleration	2.5 g	Continuous

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Control-grid to earth capacitance	7.55 pF	—
Anode to earth capacitance	4.55 pF	—
Anode-control-grid capacitance	0.015 pF	Maximum



SOURCE OPERATING CONDITIONS

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1961 Associated Electrical Industries

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1961 ASSOCIATED ELECTRICAL INDUSTRIES

Section 1 · Pentode

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PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
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