



ELECTRONIC TUBE REFERENCE

6CA11

Voltage - Dual Triode Pentode electronic tube

CONSOLIDATED TECHNICAL DATA

3 SECTIONS

CONSTRUCTION

PENTODE-TRIODE-TRIODE

Compactron combining a frame-grid video pentode with two dissimilar high-mu triodes for television wideband picture and associated signal processing.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	12
NOMINAL HEATER	6.3 V / 1.02 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Dissimilar

SECTION RATINGS

SECTION1 Pentode	
PLATE RESISTANCE	490000 Ω
TRANSCONDUCTANCE	0.0212 S
MAXIMUM PLATE VOLTAGE	330 V
MAXIMUM SCREEN VOLTAGE	330 V
MAXIMUM PLATE DISSIPATION	5 W
MAXIMUM SCREEN DISSIPATION	1 W
Frame-grid video pentode	

SECTION2 Triode	
PLATE RESISTANCE	9200 Ω
TRANSCONDUCTANCE	0.0063 S
AMPLIFICATION FACTOR	59
MAXIMUM PLATE VOLTAGE	330 V
MAXIMUM PLATE DISSIPATION	1.5 W
<i>Triode section 1</i>	

SECTION3 Triode	
PLATE RESISTANCE	12400 Ω
TRANSCONDUCTANCE	0.0055 S
AMPLIFICATION FACTOR	68
MAXIMUM PLATE VOLTAGE	330 V
MAXIMUM PLATE DISSIPATION	1 W
<i>Triode section 2</i>	

Compactron frame-grid video pentode plus two dissimilar high-mu triodes. Extracted from the supplied General Electric datasheet description and electrical construction.

TUBE TINKER

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

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