



ELECTRONIC TUBE REFERENCE

6C5P

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Shuguang 6C5P indirectly heated triode for detection and low-frequency voltage amplification, with nominal μ 20 and gm 2.2 mA/V.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.0022 S
AMPLIFICATION FACTOR	20
MAXIMUM PLATE VOLTAGE	350 V
<i>Shuguang 6C5P Chinese datasheet: indirectly heated detector and low-frequency voltage amplifier triode. Heater 6.3 V, database current 0.30 A retained pending independent verification because scanned value ambiguous. Typical plate 250 V, grid -8 V, I_a 8 ± 3 mA, gm 2.2 ± 0.5 mA/V (0.0022 A/V), μ 20 ± 2. Maximum plate 350 V, heater-cathode approx 100 V. Maximum plate dissipation scanned ambiguously (~2.75 W), NOT promoted pending confirmation. Interelectrode capacitances printed but OCR ambiguous; see source for exact input/output/transfer values. Existing physical Triode section retained.</i>	

Indirectly heated oxide-cathode triode for detection and low-frequency voltage amplification.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

198X Shuguang

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

198X SHUGUANG

Section 1 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	6.3 V	Nominal
Heater current	300 mA	Nominal
Plate voltage	250 V	Published principal electrical parameter