

ELECTRONIC TUBE REFERENCE

CH102711

Other (weirdo tubes) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

OTHER

CH1027-family Curpistor constant-current regulator for specialized precision electronic circuits, with its specific current value defined by the type suffix.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	2
NOMINAL HEATER	— / —	PARALLEL HEATER	— / —
HEATING	Indirect; cold cathode	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Other
No fixed ratings recorded. Two-electrode nitrogen-filled constant-current regulator; no dedicated canonical current-regulator SectionType.

CH1027 family Curpistor constant-current regulator rated at 10⁻¹¹ A. Data was extracted from the supplied Tung-Sol source, including published ratings, characteristics, and operating information.

SOURCE OPERATING CONDITIONS

1961 Tung Sol

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

1961 TUNG SOL

Section 1 · Other

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Current rating	0.00000001 mA	—
Maximum current variation from center value	2 %	25-500V plateau

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plateau voltage minimum	25 V	—
Plateau voltage maximum	500 V	—
Radium-226 activity	0.1875 microcurie	—
Ambient temperature minimum	-70 degC	—
Ambient temperature maximum	80 degC	—

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1966 Tung Sol Electronic Tubes 3 of 4

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

1966 TUNG SOL ELECTRONIC TUBES 3 OF 4

Section 1 · Other

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
RATINGS FROM 10 – published value 1	10	OCR table transcription; verify against supplied datasheet layout where multiple columns represent operating conditions.

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
RATINGS FROM 10 – published value 2	10.9	OCR table transcription; verify against supplied datasheet layout where multiple columns represent operating conditions.
PLATEAUS CAN EXTEND AS LOW AS 26 VOLTS AND AS HIGH AS 500 VOLTS. – published value 1	26 VOLTS	OCR table transcription; verify against supplied datasheet layout where multiple columns represent operating conditions.
PLATEAUS CAN EXTEND AS LOW AS 26 VOLTS AND AS HIGH AS 500 VOLTS. – published value 2	500 VOLTS	OCR table transcription; verify against supplied datasheet layout where multiple columns represent operating conditions.
AMBIENT TEMPERATURE RATING – published value 1	70	OCR table transcription; verify against supplied datasheet layout where multiple columns represent operating conditions.
AMBIENT TEMPERATURE RATING – published value 2	80	OCR table transcription; verify against supplied datasheet layout where multiple columns represent operating conditions.
FOR PLATEAUS FROM 25 TO 500 VOLTS – published value 1	25 VOLTS	OCR table transcription; verify against supplied datasheet layout where multiple columns represent operating conditions.
FOR PLATEAUS FROM 25 TO 500 VOLTS – published value 2	500 VOLTS	OCR table transcription; verify against supplied datasheet layout where multiple columns represent operating conditions.
Rated regulated current	0.00000001 mA	CH1027 family current rating
Current variation from center value	2 percent	Plateau approximately 25 to 500 V
Radioactive source activity	0.1875 μCi	Radium-226
Plateau voltage minimum	25 V	Published family plateau
Plateau voltage maximum	500 V	Published family plateau

TUBE TINKER

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

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker