

ELECTRONIC TUBE REFERENCE

6714

Specialized - Switching Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

BEAMSWITCHINGCOMMUTATOR

High-vacuum electron-beam switching device that steers current among multiple output electrodes for electronic commutation, selection, counting, or detection.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 150 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 BeamSwitchingCommutator	
MAXIMUM CATHODE CURRENT	10 mA
Special-purpose display/switching section. Published non-promoted ratings are retained in TUBE_SECTION_PARAMETER.	

Low-voltage shielded 10-position high-vacuum BEAM-X electronic switching tube.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Burroughs

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

1963 BURROUGHS

Section 1 · BeamSwitchingCommutator

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Target Voltage	300 V	—
Spade Voltage	100 V	—
Grid Voltage	200 V	—
Shield Grid Voltage	200 V	—
Heater-Cathode Voltage	100 V	—
Individual Target Dissipation	1 W	—
Switching Speed	2 MHz	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	6.3 V	—

TUBE TINKER

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and their source documents.

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