



ELECTRONIC TUBE REFERENCE

ET51

Specialized - Switching Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

COUNTERSELECTORSWITCH

Ultra-fast beam-switching decade counter tube for scalers and analyzers. Electron-beam steering performs rapid decimal counting and selection.

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 CounterSelectorSwitch

No fixed ratings recorded.

Promoted only where the locked section schema has a direct semantic match; additional IF/RF, audio-output, tuning-indicator, rectifier, damper, pulse, capacitance, and counter data are retained in TUBE_SECTION_PARAMETER.

Ultra-fast beam-switching decade counter tube for scalers and analyzers.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Amperex Condensed

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

1963 AMPEREX CONDENSED

Section 1 · CounterSelectorSwitch

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maintaining voltage target	100 V	BeamSwitchingCounter
Maintaining voltage switching electrode	100 V	BeamSwitchingCounter

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Cathode current target	5 mA	BeamSwitchingCounter
Maximum counting rate	1000 kHz	BeamSwitchingCounter
Grid bias	25 V	BeamSwitchingCounter
Application	Ultra-fast beam-switching decade counter for scalers and analyzers Section1	

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