

6218

Specialized - Uncategorized electronic tube

Rugged modulated-beam deflection tube for pulse generation to roughly 375 MHz and phase-discriminator service. It was intended primarily for demanding military electronic equipment.

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 Other	
MAXIMUM PLATE VOLTAGE	330 V
MAXIMUM CATHODE CURRENT	5.5 mA
Published ratings and characteristics promoted from the supplied Rogers/Rogers Majestic source.	

Ruggedized beam-deflecting tube, co-designated E80T, for phase-discriminator service in impulse-governed oscillators.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1959 Rogers

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

1959 ROGERS

Section 1 · Other

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterOrFilamentVoltage	6.3 V	—
HeaterOrFilamentCurrent	150 mA	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
PulseGenerationFrequencyMaximum	375 MHz	—
ShockRating	500 g	—



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 · Other

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage	100 V	BeamDeflectionPhaseDiscriminator
Plate current	1.35 mA	BeamDeflectionPhaseDiscriminator
Control-grid voltage	0 V	BeamDeflectionPhaseDiscriminator
Screen voltage	70 V	BeamDeflectionPhaseDiscriminator

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	Phase discriminator in impulse-governed oscillators	Section1

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Input capacitance	22 pF	Section1
Output capacitance maximum	2 pF	Section1

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