



ELECTRONIC TUBE REFERENCE

19E2

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

Ediswan 19E2 indirectly heated high-vacuum pulse damping diode for suppression of voltage overshoot, with 4 V 2 A heater, 4000 V normal pulse PIV and 12 A peak anode current.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	4 V / 2 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
PEAK INVERSE VOLTAGE	4000 V
PEAK FORWARD CURRENT	12 A
WARM-UP TIME	30 s
<i>Ediswan 19E2 pulse damping diode, normal short-pulse PIV max 4000 V, exceptional fault-pulse PIV 5500 V only under specified transient condition, max peak forward/anode current 12 A. Typical peak current 10 A, typical anode dissipation 3.5 W, approximate DC resistance 39 Ω at 10 A peak. Heater 4 V 2 A indirectly heated, warm-up 30 seconds before anode voltage. Max bulb temperature 150 °C, vertical mounting, octal IO8 with heater pins 2/7 and CT2 anode top cap. Average rectified current and forward drop not specified; corresponding scalar fields intentionally left null.</i>	

TUBE TINKER

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