

# EDISWAN

MAZDA

U25

## MINIATURE HIGH VOLTAGE H.W. RECTIFIER Indirectly heated—for R.F. and "Fly-back" E.H.T. Supply

U25

### RATING

		<u>Oscillator</u>		<u>Fly-back</u>	
		250kc	350kc	<u>Pulse</u> §	
Heater Voltage (volts)	$V_h$			2.0	
Heater Current (amps)	$I_h$			0.2	
Maximum Frequency					
Maximum Peak Inverse Voltage (Absolute) (kV)	P.I.V.(max)	22	16.5	22	←
Maximum Peak Inverse Voltage (Design Centre) (kV)	P.I.V.(max)	19	15	19	←
Maximum Anode Voltage (rms) (kV)	$V_a$ (max)	7.8	5.85		
Maximum Rectified Voltage (volts DC) (kV)			7.0	16*	←
Maximum Mean Anode Current (mA)	$I_{a(av)}max$	0.5	0.5	0.2	
Maximum Peak Anode Current (mA)	$I_{a(pk)}max$	15	15	25	

\* 16kV is a Design Centre Rating. An absolute rating of 18kV must not be exceeded.

§ The pulse ratings are for Television Line Scan where the applied voltage pulse does not exceed 15% of one scanning cycle or 15μsecs. duration.

### INTER-ELECTRODE CAPACITANCES (pF)

Anode/Heater, Cathode  $C_{a-h,k}$  0.6

Indicates a change ←

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VALVE & CRT DIVISION

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SIEMENS EDISON SWAN LIMITED

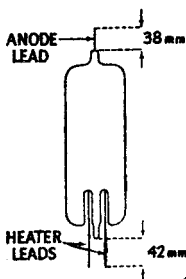
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**DIMENSIONS**

Maximum Overall Length (excluding leads)	(mm)	58
Maximum Bulb Diameter	(mm)	19
Approximate Nett Weight	(ozs)	$\frac{1}{4}$
Approximate Packed Weight	(ozs)	$1\frac{1}{2}$

**MOUNTING POSITION**—Unrestricted**CONNECTIONS**—Wire Leads

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#### AVERAGE CHARACTERISTIC CURVES

