

Sylvania

TYPE 5679

DUODIODE

RATINGS

Heater Voltage (Nominal)	7.0	Volts
Heater Voltage AC or DC ($\pm 10\%$)	6.3	Volts
Maximum Plate Voltage (RMS)	150	Volts
Maximum Heater-Cathode Voltage	330	Volts
Maximum Peak Current per Plate	45	Ma.
Maximum DC Current per Plate	8	Ma.
Average DC Voltage Drop for 16 Ma. per Plate	11	Volts

Direct Interelectrode Capacitances:*

Plate 1 to Cathode	2.0	$\mu\text{f.}$
Plate 1 to Plate 2	0.1	$\mu\text{f. Max.}$
Plate 2 to Cathode 2	2.6	$\mu\text{f.}$

*With 1 5/16" diameter shield (RMA Std. M8-308) connected to cathode.

TYPICAL OPERATING CONDITIONS

Heater Voltage AC or DC	6.3	Volts
Heater Current	.150	Ampere
Plate Voltage	150	Volts
DC Output Current per Plate	8	Ma.

CIRCUIT APPLICATION

Sylvania Type 5679 is a cathode type duodiode in which a heater center tap has been provided to permit balancing of the sections in applications requiring this critical adjustment. In all other respects this type is similar to Sylvania Type 7A6, to which reference should be made for curve data.

Additional series resistance may be required to limit the voltage across either section to the maximum of 3.5 volts under the highest line condition encountered.

PHYSICAL SPECIFICATIONS

Style	Lock-In
Base	Lock-In 8-Pin
Bulb	T-9
Diameter	1 3/16" Max.
Seated Height	1 3/4" Max.
Overall Length	2 9/32" Max.
Mounting Position	Any

BASE PIN CONNECTIONS

Pin 1 - Heater
Pin 2 - Cathode Section 2
Pin 3 - Plate Section 2
Pin 4 - Heater Center
Pin 5 - Internal Shield
Pin 6 - Plate Section 1
Pin 7 - Cathode Section 1
Pin 8 - Heater

RMA Basing 7CX-L-5

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