

SYLVANIA ELECTRIC

RMA Registration Data

TYPE 1S6

DIODE PENTODE

Mechanical Data

Cathode coated filament
Outline Drawing see other side
Maximum Diameter..... 0.400 inches
Maximum Bulb Overall Length..... 1.500 inches
Bulb..... T-3
Base..... subminiature button - flexible leads
Mounting Position..... any
Lead Connections:
 Lead 1 .. pentode plate Lead 5 .. positive filament
 Lead 2 .. no connection Lead 6 .. diode plate
 Lead 3 .. grid #1 Lead 7 .. no connection
 Lead 4 .. negative filament, grid #3 Lead 8 .. grid #2

Electrical Data

RATINGS

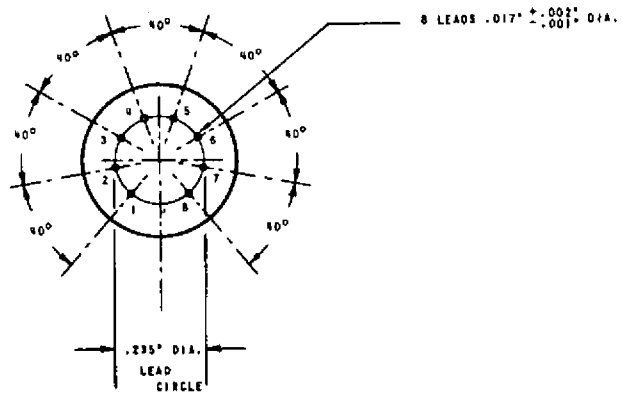
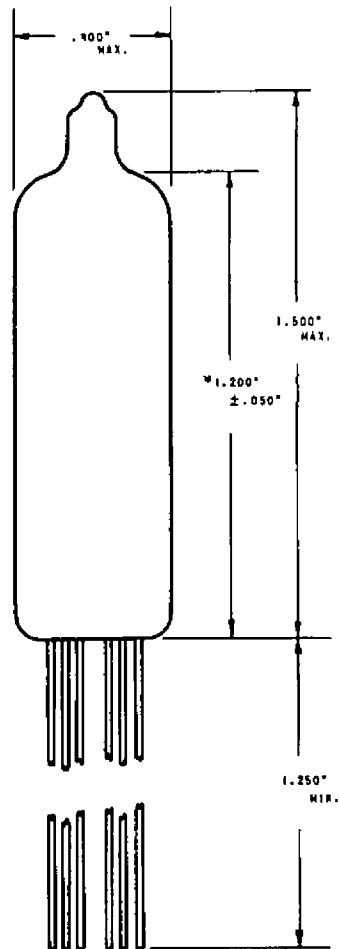
Filament Voltage..... 1.25 volts
Maximum Plate Voltage..... 100 volts
Maximum Grid #2 Voltage..... 100 volts
Maximum Cathode Current (pentode section)..... 2.0 ma
Maximum Diode Current (continuous operation)..... 0.25 ma

CHARACTERISTICS

Filament Voltage (dc).....	1.25	1.25	1.25 volts
Filament Current.....	40	40	40 ma
Plate Voltage.....	30	45	67.5 volts
Grid #2 Voltage.....	30	45	67.5 volts
Grid #1 Voltage.....	0	0	0 volts
Plate Current.....	0.33	0.75	1.6 ma
Grid #2 Current.....	0.10	0.21	0.4 ma
Plate Resistance.....	0.5	0.5	0.4 megohm
Transconductance.....	330	475	600 umhos
Average Diode Current (with 10 volts dc)....	1.5	1.5	1.5 ma

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OUTLINE
TYPE 1S6



MEASURED FROM BASE SEAT TO BULB-TOP LINE AS DETERMINED BY RING GAUGE OF $.210'' \pm .000''$ I.O. $-.001''$