NATIONAL UNION ELECTRON TUBE
NEW DATA

N.U. 6AW7GT

DOUBLE DIODE TRIODE

MECHANICAL DATA:

Outline Drawing	9-16
Bulb	T-9
Base	B8-26 (Small wafer with metal sleeve)
Maximum Diameter	1-5/16"
Maximum Overall Length	3-7/16"
Maximum Seated Height	2-7/8"

PIN CONNECTIONS: RMA BASING DESIGNATION 8CQ

Pin #1 - Shell and cathode for triode and No. 2 Diode Plate
Pin #2 - Triode Grid
Pin #3 - No. 1 Diode Plate
Pin #4 - No. 2 Diode Plate
Pin #5 - Cathode for Diode Plate No. 1
Pin #6 - Triode Plate
Pin #7 - Heater
Pin #8 - Heater

Mounting Position ..... Any

ELECTRICAL DATA:

Direct interelectrode capacitances (without shield)

Grid to Diode Plate No. 1	.300	μμf. maximum
Grid to Diode Plate No. 2	.100	μμf. maximum
Diode No. 1 to Diode No. 2	.250	μμf. maximum

Ratings

Heater Voltage (ac or dc)	6.3	Volts
Maximum Triode Plate Voltage	300	Volts
Maximum Heater Cathode Voltage	90	Volts
Maximum Diode Plate Dissipation	0.5	Watt
Maximum continuous Diode Current (each diode)	1.0	Ma.

Typical Operating Conditions and Characteristics

Heater Voltage	6.3	Volts
Heater Current	0.300	Ma.
Plate Voltage	100	Volts
Grid Voltage	0	
Plate Current	1.4	Ma.
Transconductance	1200	μmhos.
Amplification Factor	80	
Average Diode Current with 3 volts applied (each diode)	5.0	Ma.

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