DESCRIPTION AND RATING
DIODE GL-6215

The GL-6215 is a half-wave high-vacuum rectifier designed for use in high-voltage low-current applications which operate from a 60-cycle supply voltage. The tube is particularly suited for dust precipitator and other industrial applications in which dependable performance is required.

TECHNICAL INFORMATION

GENERAL

Electrical Data
Cathode - Coated Filament
Filament Voltage (A-c or D-c) 1.25 Volts
Filament Current 0.2 Ampere
Direct Interelectrode Capacitance
Plate to Filament 1.4 uuf

Mechanical Data
Mounting Position - Any
Envelope - T-9 Glass
Base - Short Intermediate-Shell Octal 6-Pin, B6-60

MAXIMUM RATINGS  Design Center Values
Rectifier Service at 60 Cycles per Second
Peak Inverse Plate Voltage 18,000 Volts
Steady-State Peak Plate Current 8.0 Milliamperes
Transient Peak Plate Current (maximum duration 0.2 second) 30 Milliamperes
D-c Output Current 1.0 Milliamperes

AVERAGE CHARACTERISTICS

Tube Voltage Drop
Measured With Applied D-c at 2 Milliamperes 56 Volts

Note: The voltages employed in some high-voltage equipment are sufficiently high that high-voltage rectifier tubes may produce soft x-rays which can constitute a health hazard unless such tubes are adequately shielded. Relatively simple shielding should prove adequate, but the need for this precaution should be considered in equipment design.

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Outline
GL-6215

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GL-6215
Average Plate Characteristics
$E_f = 1.25$ Volts

GENERAL ELECTRIC
TUBE DEPARTMENT
SCHENECTADY, NEW YORK