The R.T.M.A. code for this valve is 6305.

**CATHODE.**
Indirectly-heated, oxide-coated
Heater voltage 4 V
Nominal current 0.5 A

**DIMENSIONS.**
Maximum overall length 60 mm
Maximum seated height 53 mm
Maximum diameter 19.05 mm
Top cap Skirted CT-1
Base B7G

**MAXIMUM RATINGS.**
Maximum applied r.m.s voltage 5.5 kV
Maximum applied r.m.s voltage for simultaneous switching of heater and anode supplies 3.5 kV
Maximum working peak inverse voltage 12.5 kV
Maximum no load peak inverse voltage 15.5 kV
Maximum DC mean rectified current 5 mA
Maximum peak anode current 40 mA
Recommended reservoir capacitor 0.3 μF
Minimum limiting equivalent resistor introduced externally for an r.m.s. voltage of 5.5 kV 50 kΩ
Minimum delay in switching anode supply after heater voltage at maximum applied voltage 30 sec.

The above ratings apply to operation with a capacitor input filter and supply frequency of 50 c/s.
Miniature Half-Wave High-Voltage Rectifier

Code: 2T/270K (CV261)

Ref.: 2T/270K

September 1953

2T/270K—2