GENERAL CHARACTERISTICS

ELECTRICAL

Thoriated Tungsten Filament
 voltage 1.5 volts
 current 290 mA.
 heating time Filament and plate voltage may be applied at the same time.
 approximate tube voltage drop (Ip = 8 mA) 100 volts

MECHANICAL

Type of Cooling Convection
 temperature limits -75°C to +50°C

Mounting Position
 Base
 Cap
 Base Connections

Basing
 maximum overall dimensions
 length - maximum 4 19/32"
 minimum 4 11/32"
 diameter - maximum 1 9/16"

MAXIMUM RATINGS

Peak Inverse Voltage 50,000 volts
Peak Anode Current 10 mA.
Average Anode Current 2 mA.
Maximum Frequency of Supply Voltage 1000 K.C.
Minimum Frequency of Supply Voltage Zero
TYPE 1Y2

September 6, 1946

Release No. 519

CAP 360° ± 005” DIA.

1 9/16 MAX.

406”

3 23/32” - 3 31/32”

4 11/32” - 4 19/32”

SMALL 4 PIN BASE

FILAMENT