

CENTRAL ELECTRONIC MANUFACTURERS
2 RICHWOOD PLACE
DENVER NEW JERSEY

PRE-PROVISIONAL
TECHNICAL SPECIFICATIONS
FOR
XD-55

The Central XD-55 is a completely oil immersed tetrode with forced oil circulation, having a thoriated tungsten filament specifically designed for pulse service as a hard tube modulator or switch tube.

Heater Voltage 10.0 V.
Heater Current 350 Amps
Amplification Factor 50

$E_{bb} = 180 \text{ Kv.}$ $E_{cc} = -3.6 \text{ Kv.}$

Interelectrode Capacitance
 anode to cathode 25 uuf
 anode to grid 2 uuf
 cathode to grid 300 uuf

Mounting Position - Vertical
Maximum Altitude 10,000 ft.

MAXIMUM RATINGS

Anode Voltage 180 Kv.
Estimated Tube Drop 30 Kv.
Peak Anode Current 130 A.
Average Anode Current 400 mA.
Anode Dissipation 25 Kw.
Maximum Duty .003
Peak Cathode Current 175A.
Maximum Pulse Width 12 u sec.

