PENTODE
SUBMINIATURE TYPE

COATED FILAMENT
1.25 VOLTS 100 MA.
AC OR DC
ANY MOUNTING POSITION

GLASS BULB
COLOR DOT IS ADJACENT
TO LEAD 1
IN-LINE LEADS

THE 5875 IS A FILAMENT TYPE, SHARP CUTOFF PENTODE OF SUBMINIATURE CONSTRUCTION, DESIGNED FOR RADIOSonde APPLICATIONS. A COATED METALLIC SHIELD IS USED AND CONNECTED TO LEAD #3. THE FLEXIBLE TERMINAL LEADS MAY BE SOLDERED OR WELDED DIRECTLY TO CIRCUIT COMPONENTS WITHOUT THE USE OF SOCKETS. STANDARD SUBMINIATURE SOCKETS MAY BE USED BY CUTTING THE LEADS TO 0.20" LENGTH.

DIRECT INTERELECTRODE CAPACITANCES

GRID #1 TO PLATE (MAX.)
INPUT
OUTPUT

0.03 pf
4.0 pf
4.0 pf

RATINGS

PLATE VOLTAGE
GRID #2 VOLTAGE
TOTAL CATHODE CURRENT

90 VOLTS
90 VOLTS
6.5 MA.

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS
CLASS A1 AMPLIFIER

PLATE VOLTAGE
GRID #2 VOLTAGE
GRID #3 VOLTAGE
TRANSCONDUCTANCE
PLATE CURRENT
GRID #2 CURRENT
GRID #1 VOLTAGE (APPROX.) FOR
TRANSCONDUCTANCE = 10 UMHOES

90 VOLTS
90 VOLTS
0 VOLTS
2500 UMHO
3.5 MA.
1.0 MA.
-3.5 VOLTS