TUNG-SOL

PENTODE
SUBMINIATURE TYPE

FILAMENT
1.25±20% VOLTS 0.02 AMP.
AC OR DC
ANY MOUNTING POSITION

GLASS BULB
DOT IS ADJACENT TO LEAD 1

THE 6088 IS A SUBMINIATURE POWER AMPLIFIER PENTODE OF LOW CURRENT DESIGNED FOR USE IN PORTABLE AND WEARABLE EQUIPMENT. THE FLEXIBLE LEADS MAY BE SOLDERED OR WELDED DIRECTLY TO THE TERMINALS OF CIRCUIT COMPONENTS WITHOUT THE USE OF SOCKETS. STANDARD SUBMINIATURE SOCKETS MAY BE USED BY CUTTING THE LEADS TO A SUITABLE LENGTH.

RATINGS
ABSOLUTE MAXIMUM VALUES

FILAMENT VOLTAGE 1.25±20% VOLTS
MAXIMUM PLATE VOLTAGE 67.5 VOLTS
MAXIMUM SCREEN GRID VOLTAGE 67.5 VOLTS
MAXIMUM CATHODE CURRENT 1.5 MA

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

FILAMENT VOLTAGE 1.25 VOLTS
FILAMENT CURRENT 0.02 AMP.
PLATE VOLTAGE 45 VOLTS
SCREEN GRID VOLTAGE 45 VOLTS
CONTROL GRID VOLTAGE -1.25 VOLTS
ZERO-SIGNAL PLATE CURRENT 650 μA
ZERO-SIGNAL SCREEN GRID CURRENT 150 μA
TRANSCONDUCTANCE 625 μMHOS
PLATE RESISTANCE (APPROX.) 0.7 MEGOHMS
LOAD RESISTANCE 0.08 MEGOHMS
POWER OUTPUT 10.5 MW
DISTORTION (APPROX.) 10 PERCENT

→ INDICATES A CHANGE.