

AMALGAMATED WIRELESS VALVE CO., LTD

SYDNEY, AUSTRALIA

TYPE SBJ5

POWER PENTODE

MECHANICAL DATA

Style	miniature
Cathode	coated, unipotential
Bulb	T5½
Base	miniature button 7 pin
Maximum overall length	2-3/4"
Maximum diameter	3/4"
Basing	6CH
Pin Connections:	
Pin 1	control grid
Pin 2	cathode and suppressor
Pin 3	heater
Pin 4	heater
Pin 5	plate
Pin 6	internal connection
Pin 7	screen grid

ELECTRICAL DATA

RATINGS -- Design Center Values

Plate Voltage	350 max. Volts
Screen Voltage	275 max. Volts
Plate Dissipation	9 max. Watts
Screen Dissipation	3.0 max. Watts

TYPICAL OPERATION -- Single Tube Class A

Heater Voltage	6.3 Volts
Heater Current	0.64 amp
Plate Voltage	250 Volts
Screen Voltage	250 Volts
Grid Voltage	-5.0 Volts
Plate Current	35 mA
Screen Current	5.5 mA
Mutual Conductance	10,500 umhos
Amplification Factor	420
Plate Resistance	40,000 ohms
Plate Load Resistance	7,000 ohms
Power Output	½ watts
Distortion	9.2 %