

Bendix Aviation Corp.
 Red Bank Division
 Electron Tube Plant
 Eatontown, New Jersey



Bendix TE-55
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TYPE 6082A (Tentative Data)

Reliable Hard Glass Low-Mu Twin Power Triode

MECHANICAL DATA

Coated unipotential cathode	
Outline drawing	Bulb T-12
Base	Large wafer octal 8-pin B8-94
Maximum bulb temperature	300°C
Maximum diameter	1 23/32
Maximum seated height	3 11/16
Maximum overall length	4 1/4
Pin connections	
Pin 1 #2 triode grid	Pin 5 #1 triode plate
Pin 2 #2 triode plate	Pin 6 #1 triode cathode
Pin 3 #2 triode cathode	Pin 7 Heater
Pin 4 #1 triode grid	Pin 8 Heater
Mounting position	any
Life expectancy	10,000 hrs

ELECTRICAL DATA

Ratings

Heater voltage (ac or dc)	26.5	volts
Maximum plate voltage	250	volts
Maximum heater-cathode voltage	450	volts
Maximum d-c plate current (each section)	125	mA
Maximum plate dissipation (each section)	13	watts
Maximum grid resistor (cathode bias)	1.0	meg
Maximum positive d-c grid voltage	0	volts

Typical operating conditions and characteristics

Heater voltage (ac or dc)	26.5	volts
Heater current	0.6	amps
Plate voltage	135	volts
Plate current	125	mA
Transconductance	7000	μmhos
Plate resistance	280	ohms
Amplification factor	2	
Cathode bias resistor	250	ohms
Plate dissipation	13	watts