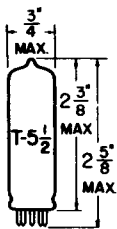


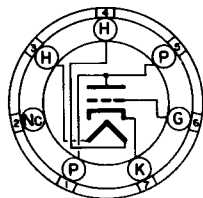
TUNG-SOL

TRIODE
MINIATURE TYPE



GLASS BULB

COATED UNIPOTENTIAL CATHODE
HEATER
12.6 VOLTS 0.15 AMP.
AC OR DC
ANY MOUNTING POSITION



BOTTOM VIEW
MINIATURE BUTTON
7 PIN BASE

68G

THE 12G4 IS A MEDIUM MU TRIODE IN THE 7 PIN MINIATURE CONSTRUCTION. ITS ELECTRICAL CHARACTERISTICS ARE IDENTICAL WITH THOSE OF TYPE 12J5GT.

DIRECT INTERELECTRODE CAPACITANCES

	WITHOUT SHIELD	WITH SHIELD ^A	
GRID TO PLATE	3.4	3.4	μf
INPUT	2.4	2.6	μf
OUTPUT	0.9	3.2	μf

^A WITH SHIELD #308 CONNECTED TO CATHODE.

RATINGS

INTERPRETED ACCORDING TO RMA STANDARD M8-210

DESIGN CENTER VALUES

HEATER VOLTAGE	12.6	VOLTS
MAXIMUM HEATER-CATHODE VOLTAGE	±90	VOLTS
MAXIMUM PLATE VOLTAGE	300	VOLTS
MAXIMUM PLATE DISSIPATION	2.5	WATTS

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

HEATER VOLTAGE	12.6	12.6	VOLTS
HEATER CURRENT	0.15	0.15	AMP.
PLATE VOLTAGE	90	250	VOLTS
GRID VOLTAGE	0	-8	VOLTS
PLATE CURRENT	10	9	MA.
TRANSCONDUCTANCE	3 000	2 600	μMHOS
AMPLIFICATION FACTOR	20	20	
GRID VOLTAGE FOR 10 μA. PLATE CURRENT	-7	-18	VOLTS

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