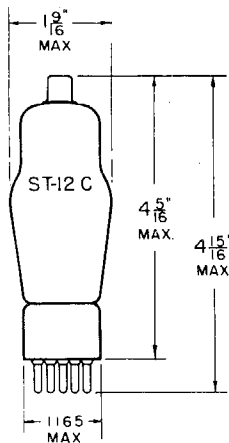


TUNG-SOL

PENTODE



GLASS BULB

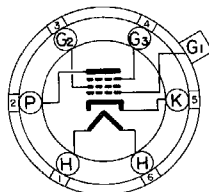
COATED UNIPOTENTIAL CATHODE

HEATER

2.5 VOLTS 1.0 AMP.

AC OR DC

ANY MOUNTING POSITION



BOTTOM VIEW

SMALL SHELL
6 PIN BASE

6F

THE 58 IS A TRIPLE GRID VARIABLE MU AMPLIFIER.

DIRECT INTERELECTRODE CAPACITANCES

GRID #1 TO PLATE ^A	0.007	μf
INPUT	4.7	μf
OUTPUT	6.3	μf

^A WITH EXTERNAL SHIELD CONNECTED TO CATHODE.

RATINGS

INTERPRETED ACCORDING TO RMA STANDARD MB-210

HEATER VOLTAGE	2.5	VOLTS
MAXIMUM PLATE VOLTAGE	300	VOLTS
MAXIMUM GRID #2 VOLTAGE	100	VOLTS
MAXIMUM GRID #2 SUPPLY VOLTAGE	300	VOLTS
MINIMUM GRID VOLTAGE	0	VOLTS
MAXIMUM PLATE DISSIPATION	2.25	WATTS
MAXIMUM GRID #2 DISSIPATION	0.25	WATT

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A₁ AMPLIFIER

HEATER VOLTAGE	2.5	2.5	VOLTS
HEATER CURRENT	1.0	1.0	AMP.
PLATE VOLTAGE	100	250	VOLTS
GRID #2 VOLTAGE	100	100	VOLTS
GRID VOLTAGE	-3	-3	VOLTS
GRID #3 VOLTAGE			CONNECTED TO CATHODE AT SOCKET
PLATE RESISTANCE (APPROX.)	0.25	0.8	OHMS
TRANSCONDUCTANCE	1 500	1 600	μMHOS
GRID BIAS FOR TRANSCONDUCTANCE OF 2 μMHOS	-50	-50	VOLTS
PLATE CURRENT	8.0	8.2	MA.
GRID #2 CURRENT	2.2	2.0	MA.

* INDICATES AN ADDITION.

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