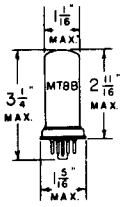
TUNG-SOL

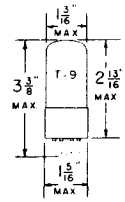


METAL SHELL
5 PIN OCTAL BASE
5W4

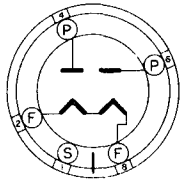
FULL WAVE

HIGH VACUUM RECTIFIER

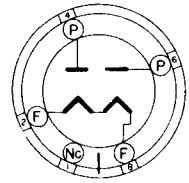
COATED FILAMENT
5.0 VOLTS 1.5 AMPERES
AC



GLASS BULB
INTERMEDIATE 5 PIN OCTAL BASE
5W4GT/G



5T
BOTTOM VIEW
5W4



G-5Ta
BOTTOM VIEW
5W4GT/G

THE TUNG-SOL 5W4 AND 5W4GT/G ARE DESIGNED FOR SERVICE AS POWER RECTIFIERS IN AC OPERATED RECEIVERS. THEIR RATINGS AND ELECTRICAL CHARACTERISTICS ARE IDENTICAL.

RATINGS

MAXIMUM AC PLATE VOLTAGE (RMS) CONDENSER INPUT PER PLATE	350	VOLTS
MAXIMUM AC PLATE VOLTAGE (RMS) CHOKE INPUT PER PLATE	500	VOLTS
MAXIMUM PEAK INVERSE VOLTAGE	1400	VOLTS
MAXIMUM STEADY-STATE PEAK PLATE CURRENT PER PLATE	300	MA.
TUBE VOLTAGE DROP AT 100 MA. PER PLATE	45	VOLTS

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

FULL WAVE RECTIFIER WITH CONDENSER INPUT TO FILTER

AC PLATE VOLTAGE PER PLATE (RMS)	350	VOLTS
DC OUTPUT CURRENT MAX.	100	MA.
TOTAL EFFECTIVE PLATE SUPPLY IMPEDANCE PER PLATE MIN.[A]	25	OHMS

FULL WAVE RECTIFIER WITH CHOKE INPUT TO FILTER

AC PLATE VOLTAGE PER PLATE (RMS)	500	VOLTS
DC OUTPUT CURRENT MAX.	100	MA.
VALUE OF INPUT CHOKE MIN.	6	HENRYS

[A] WHEN FILTER CONDENSERS LARGER THAN 40 μFDS ARE USED, IT MAY BE NECESSARY TO ADD ADDITIONAL PLATE SUPPLY IMPEDANCE.

FOR "INTERPRETATION OF RATINGS" REFER TO FRONT OF BOOK.

CONTINUED NEXT PAGE

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PLATE 991-2

JAN.-31 1941

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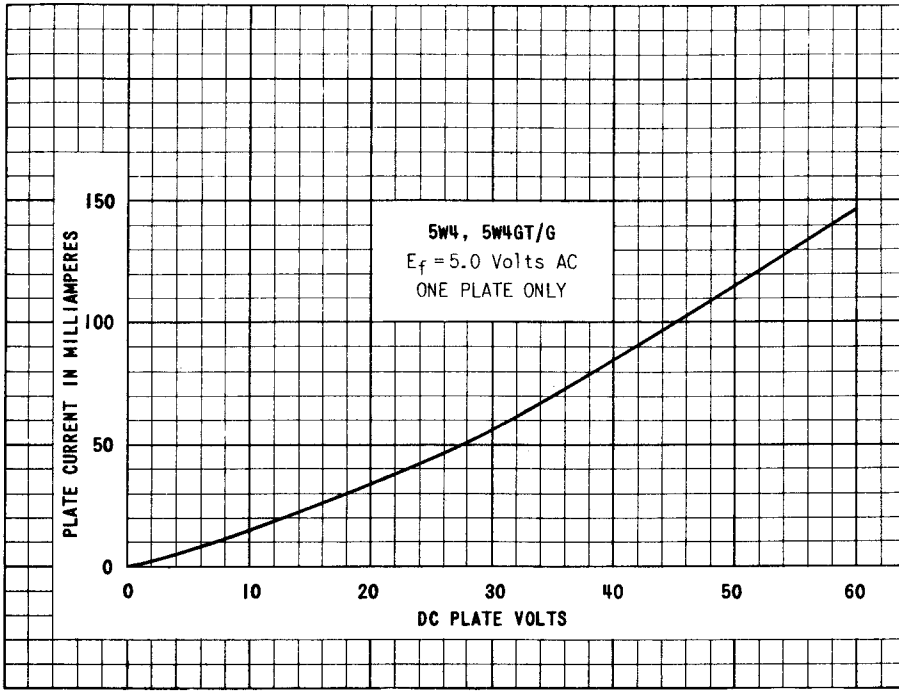
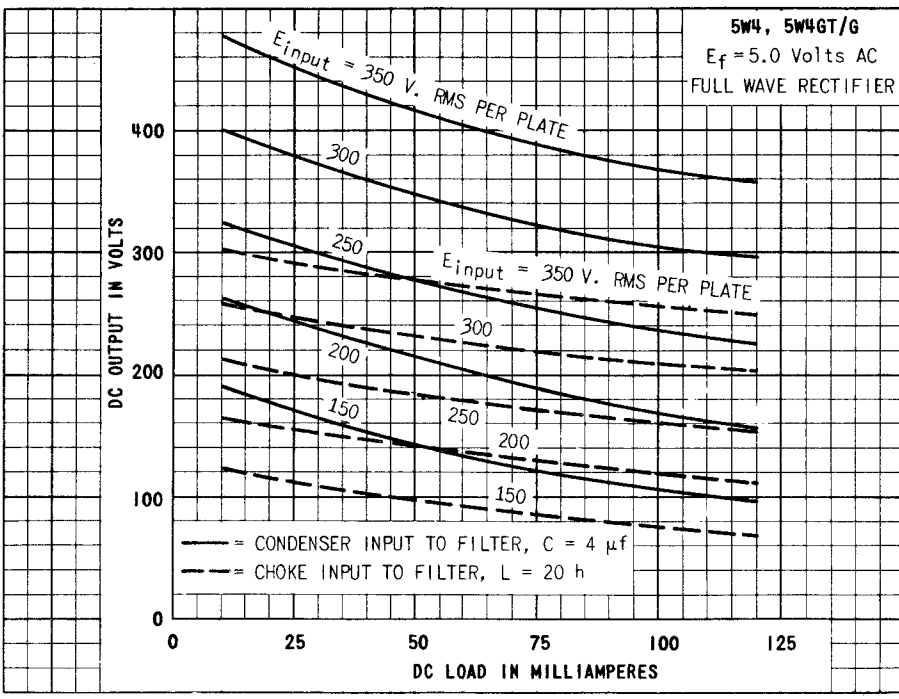
5W4, 5W4GT/G





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