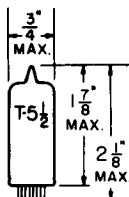


TUNG-SOL

QUADRUPLE DIODE

MINIATURE TYPE



GLASS BULB

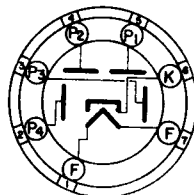
COATED UNIPOTENTIAL CATHODE

HEATER

6.3 VOLTS 0.20 AMPERE

AC OR DC

ANY MOUNTING POSITION



BOTTOM VIEW

MINIATURE BUTTON
7 PIN BASE

THE 6AN6 IS A QUADRUPLE DIODE. IT IS DESIGNED FOR USE IN COMPACT, LIGHT-WEIGHT, PORTABLE EQUIPMENT WHERE THE RECTIFICATION OF FOUR SEPARATE VOLTAGES IS REQUIRED. IT IS RECOMMENDED THAT NO MATERIAL BE PERMITTED TO OBSTRUCT THE HOLE IN THE BASE SOCKET AS THIS TYPE MAY BE MANUFACTURED WITH THE EXHAUST-TUBE TIP AT THE BASE END.

RATINGS

INTERPRETED ACCORDING TO RMA STANDARD MB-210

HEATER VOLTAGE	6.3	VOLTS
HEATER CURRENT	0.20	AMP.
MAXIMUM PEAK INVERSE PLATE VOLTAGE PER PLATE	210	VOLTS
MAXIMUM PEAK PLATE CURRENT PER PLATE	45	MA.
MAXIMUM DC OUTPUT CURRENT PER PLATE	8.0	MA.
TUBE VOLTAGE DROP PER PLATE AT 6.6 MA.	9.0	VOLTS
MAXIMUM HEATER-CATHODE VOLTAGE	90	VOLTS

DIRECT INTERELECTRODE CAPACITANCES

WITH NO EXTERNAL SHIELD

PLATE 1 TO PLATES 2, 3 AND 4	1.2	μμf
PLATE 2 TO PLATES 1, 3 AND 4	1.1	μμf
PLATE 3 TO PLATES 1, 2 AND 4	1.1	μμf
PLATE 4 TO PLATES 1, 2 AND 3	1.3	μμf
PLATE TO CATHODE PER PLATE	0.5	μμf

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

HALF-WAVE RECTIFIER

PLATE VOLTAGE (RMS)	75	VOLTS
DC OUTPUT CURRENT PER PLATE	3.3	MA.

6AN6

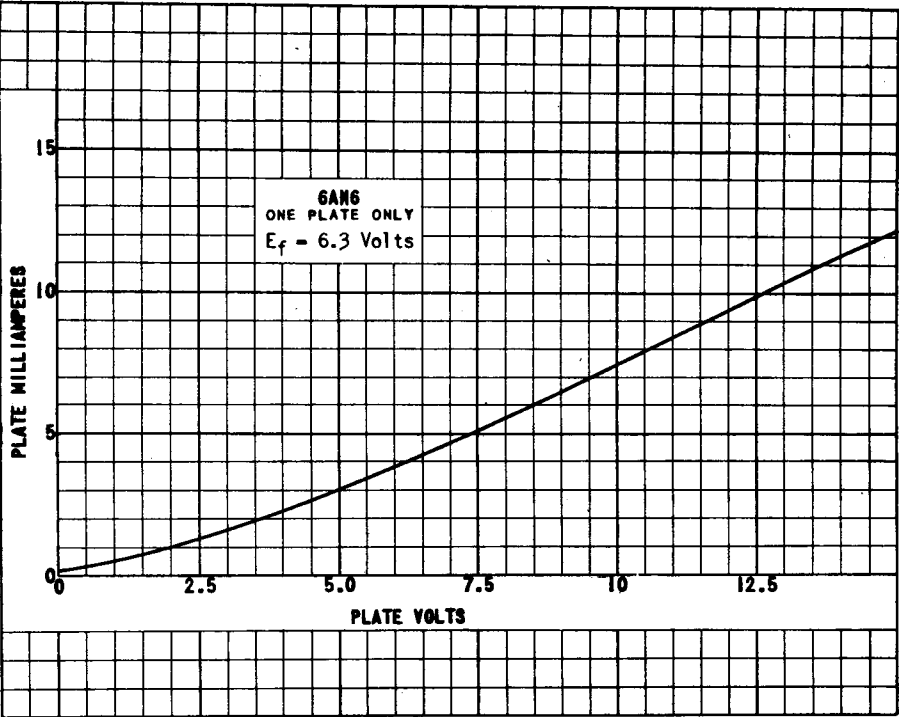


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