JETEC Type 6117
Band Pass TR Tube

GENERAL CHARACTERISTICS

ELECTRICAL
Center Frequency $f_2$ 10.7 cm
Band Pass Range (V.S.W.R 1.65 max.) 10 to 11.3 cm

MECHANICAL
Ionizable Medium Argon & water vapor
# of electrodes 3 plus entrance & exit windows
# of Keep alive electrodes 2
Dimensions See outline drawing
Mounting position Any

MAXIMUM RATINGS
Transmitter Average Power 1 KW
Insertion Loss $f_2$ To be specified
*Keep alive firing time $T$ 5 sec.
Keep alive arc drop To be specified
*Keep alive Interaction $f_2$ .1 DB
*Leakage energy .4 ergs
Recovery time To be specified

* Method of measuring to be specified.

Bomac Laboratories Inc.
Salem Road, Beverly, Massachusetts

from RTMA release #1080,
June 6, 1952
To Tube Engineers

On April 24, 1952 registration was made by the RTMA Engineering Office of the Jetec vacuum tube type designation 6117

on application of Bomac Laboratories Inc., Salem Road, Beverly, Massachusetts.

The following information supplements the data contained on the sheet covered by the release of that date:

**GENERAL CHARACTERISTICS:**

**Electrical**

Center Frequency: ................................................. 2802 Mc.
Band Pass (VSWR 1.65) ............................................. 2659-2969 Mc.

**MAXIMUM RATINGS:**

Transmitter Average Power: ........................................... 750 watts
Insertion Loss (2802 Mc): ........................................... 0.5 db
Keep-alive Drop (100 Hz): ......................................... 300 - 450 volts
Flat Leakage Power: .................................................. 40 mw.
Spike Leakage Energy per Pulse: .................................. 0.3 ergs
Recovery Time (750 KW 1 us 1000 pps): ......................... 15 usec

Very truly yours,

[Signature]

Chief Engineer
Radio-Television Manufacturers Association

RRBatcher:mg