ADVANCE DATA

MECHANICAL DATA

Dimensions	Per Outline
Mounting Position - Note 2	Any
Ambient Temperature Range (non-operating)	-40 to + 100°C

ELECTRICAL DATA

RATINGS

Transmitter Peak Power (min)	20 kw

GENERAL DATA

Center Frequency	34,860 mc
SWR at 34511 and 35209 mc (min)	10 db
Low Level Characteristics	
Equivalent Conductance at 34,860 mc (max)	0.15
Tuning Susceptance at 34,860 mc	±0.07
High Level Characteristics	
Arc Loss (max) (1)	0.9 db
Firing Time (max) (1)	10 sec.

NOTES

(1) F = 34,860 mc; p_o = 4 KW; tp = .30 ±.05 usec; prr = 2000 pps.

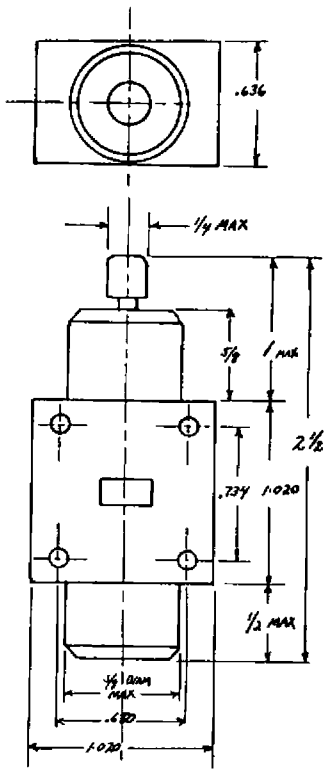
(2) Tube must be inserted in the duplexer as indicated by the external markings on tube body.

APPLICATION DATA

The Sylvania Types 6545 and 6546 are normally used in a branched type duplexer, in conjunction with the Mag 400 magnetron in pressurized systems. These components are recommended for application in systems requiring high definition combined maximum range and bearing accuracy.

QUICK REFERENCE DATA

The Sylvania Type 6546 is an anti-transmit-receive tube designed to operate at a center frequency of 34,860 megacycles and at 100 KW peak power.



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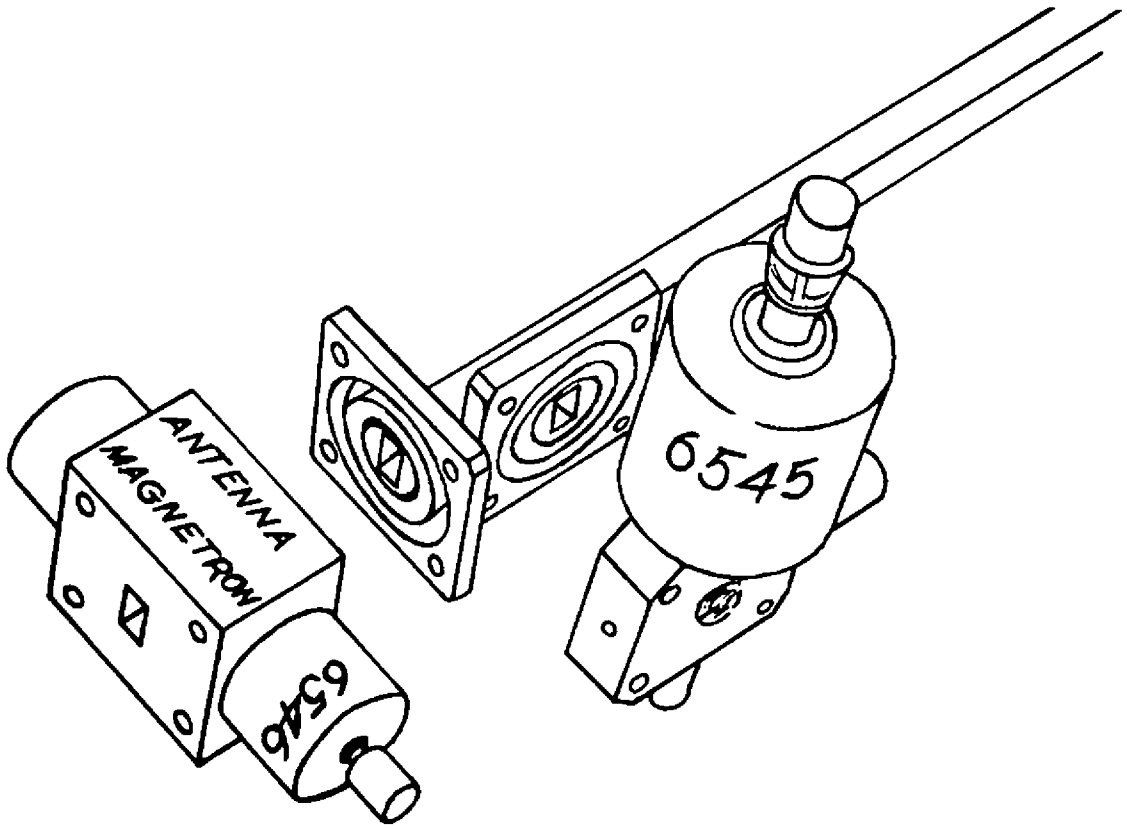
ANTENNA
MAGNETRON
6546
6545