WESTINGHOUSE ELECTRONIC TUBES

SECURITY CLASSIFICATION Confidential

Types 4J70, 4J71, 4J72 and 4J73

Magnetrons

GENERAL CHARACTERISTICS

Electrical

Cathode	Unipotential, Coated
Heater Voltage	16.0 Volts
Heater Current	2.8 - 3.4 Amperes
Mechanical Tuning Range	
4J70	3710 - 3540 Megacycles
4J71	3560 - 3390 Megacycles
4J72	3410 - 3240 Megacycles
4J73	3260 - 3090 Megacycles
Magnetic Field Strength	2500 Gauss
Power Output at .0006 Duty Cycle and 70 Amperes	350 Watts

Mechanical

Dimensions	See Outline
Mounting Position	Any
Cooling	Forced Air

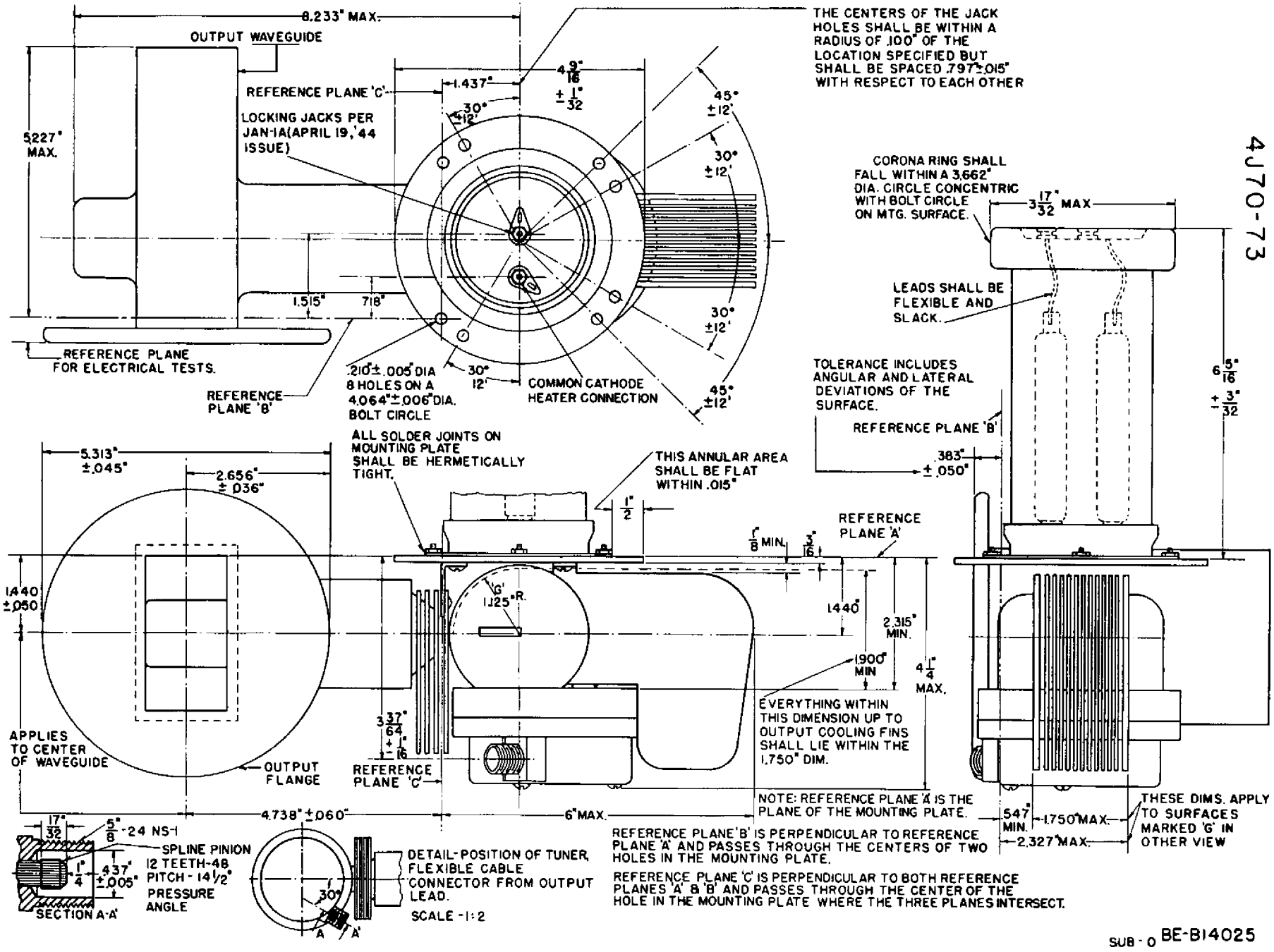
MAXIMUM RATINGS

Peak Anode Voltage	30 Kilovolts
Peak Anode Current	70 Amperes
Anode Dissipation	700 Watts
Duty Cycle *	.001
Anode Temperature	125° C
Pulse Duration	2.5 Microseconds

* The tube shall not be operated longer than 5 microseconds in any 100 microsecond interval.

Bloomfield, New Jersey December 5, 1945

from RMA release # 568, Feb. 27, 1947



4J70-73

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