

ELECTRONIC TUBE REFERENCE

D95B

Specialized - Traveling Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRAVELINGWAVE

Altitude-service mechanical variant of the D95 traveling-wave tube, using silicone-insulated flying leads while retaining the parent type’s principal electrical characteristics.

GENERAL CHARACTERISTICS

BASE DESIGNATION	–	BASE PINS	–
NOMINAL HEATER	– / –	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 TravelingWave
No fixed ratings recorded.
Reference/modification sheet; no complete electrical table is printed. Only source-published modification data are retained.

The ITT D95B is a mechanically modified traveling-wave tube for altitude operation with silicone-insulated flying leads.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1962 ITT

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1962 ITT

Section 1 · TravelingWave

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Device family	Traveling-wave tube	—
Source relationship	Mechanically modified parent type	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Parent type	D-95	—

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Control-grid capacitance to all other elements	13 pF	—

CONSTRUCTION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Lead insulation	Silicone rubber / Silastic	—

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	Altitude operation	—