

ELECTRONIC TUBE REFERENCE

BS502

Diode (NOT rectifier) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
DIODE

X-band microwave monitor diode designed for instrumentation service over approximately 8.5-10 GHz.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / —	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Diode
No fixed ratings recorded.

X-band monitor diode operating from 8.5 to 10 GHz.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1971 English Electric Valve

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

1971 ENGLISH ELECTRIC VALVE

Section 1 · Diode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Frequency minimum	8.5 GHz	—
Frequency maximum	10 GHz	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Input peak power	20 kW	—
Input mean power	18 W	—

TUBE TINKER

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and their source documents.

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