

Series Spark Gaps Types IB41, IB45, IB49

Types IB41, IB45, IB49 are gas-filled, cold-cathode diodes. Two or more tubes are used in series as the switching device in line-type pulsers.

GENERAL DATA

Electrical:

Frequency Range	120 to 2000 cps
Interelectrode Capacitance	7 uuf
Instantaneous Breakdown Voltage (Nominal):	
IB41	9.5 kv
IB45	14 kv
IB49	12 kv

Mechanical:

Ionized Medium	Gas
Number of Electrodes	Two
Mounting Position	Cathode End Up; Within 60° of Vertical

MAXIMUM RATINGS

Peak Current	450 max. Amperes
Average Power Dissipation	25 max. Watts
Average Current	210 max. Ma.
Frequency	2000 max. cps
Ambient Temperature	-50 to 100 max. °C
Duty Cycle	0.001 max.

IB41
IB45, IB49

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