

CK1024

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

RECTIFIER-RECTIFIER

Gas-filled full-wave double-diode rectifier with ionically heated cathode for intermittent portable transmitting equipment. Rated for approximately 1 kV peak inverse voltage and 175 mA DC output.

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 Rectifier	
PEAK INVERSE VOLTAGE	1000 V
NOMINAL OUTPUT CURRENT	175 mA
PEAK FORWARD CURRENT	430 mA
FORWARD VOLTAGE DROP	24 V
Supplied handbook table and any explicit cross-reference/service row reviewed.	

SECTION2 Rectifier	
PEAK INVERSE VOLTAGE	1000 V
NOMINAL OUTPUT CURRENT	175 mA
PEAK FORWARD CURRENT	430 mA
FORWARD VOLTAGE DROP	24 V
Second physical rectifier section; electrical properties populated from applicable published ratings.	

Gas-filled full-wave double-diode rectifier with ionically heated cathode for intermittent portable transmitting equipment.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X Raytheon Special Purpose Tubes

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

195X RAYTHEON SPECIAL PURPOSE TUBES

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Published application/classification	rectifier tube; target numeric row is obscured in the supplied rectifier table	Supplied handbook table

195X RAYTHEON SPECIAL PURPOSE TUBES

Section 2 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Published application/classification	rectifier tube; target numeric row is obscured in the supplied rectifier table	Supplied handbook table