SMAJ20A-HRA

Product Status | Active

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SMAJ20A-HRA

Disclaimer Notice

TVS 400W 20V 5%UNI DO-214AC TR07 RoHS | Series: SMAJ-HRA

The SMAJ-HRA High Reliability series is designed specifically to protect sensitive electronic equipment from voltage transients induced by lightning and other transient voltage events.

Feedback

Specifications

Property	Value
V_R ($V_{standoff}$)	20
Watts (W)	400
I_{PP} 10x1000µs (A)	12.3
MIN V_{BR}@I_T (V)	22.2
MAX V_{BR}@I_T (V)	24.5
V_C (V)	32.4
I_T (mA)	1
Ir@Vr(µA)	1
Uni / Bi-Directional	Unidirectional
Operating Temperature Max (°C)	150

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Features

- Excellent clamping capability
- Typical IR ≤1 µA for VR >10 V
- For surface mounted applications to optimize board space
- Low profile package
- Typical failure mode is short from over-specified voltage or current
- Whisker test is conducted based on JEDEC JESD201A per its table 4a and 4c
- ESD protection of data lines in accordance with IEC 61000-4- 2, 30 kV (Air), 30 kV (Contact)
- EFT protection of data lines in accordance with IEC 61000- 4-4
- Built-in strain relief
- 400 W peak pulse power capability at 10/1000µs waveform, repetition rate (duty cycle): 0.01 %

SMAJ20A-HRA Applications

Highlights Section

- Computers
- Consumer electronics
- I/O Interfaces
- V_{CC} buses
- Vulnerable circuits in industrial and telecommunications applications

SMAJ20A-HRA Resources

Environmental Information

SMAJ20A-HRA Custom Products Request

Need your SMAJ20A-HRA parts customized? Please let us know about yourself and your project needs, and a Littelfuse expert will be in touch about customizing our product(s) for you.

See More

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