

**Diode TVS Single Uni-Dir 30.8V 600W 2-Pin DO-15 T/R****Manufacturer:** [Taiwan Semiconductor](#)**Package/Case:** DO-15**Product Type:** Thyristors**Lifecycle:** Active

Images are for reference only

[Inquiry](#)**General Description**

The P6KE TVS series is designed to protect sensitive equipment against electrostatic discharges according to IEC 61000-4-2, MIL STD 883 Method 3015, and electrical overstress such as IEC 61000-4-4 and 5. They are used for surges below 600 W 10/1000  $\mu$ s. This planar technology makes it compatible with high-end equipment and SMPS where low leakage current and high junction temperature are required to provide reliability and stability over time.

**Key Features**

Peak pulse power:

600 W (10/1000  $\mu$ s)up to 4 kW (8/20  $\mu$ s)600 W (10/1000  $\mu$ s)up to 4 kW (8/20  $\mu$ s)

Stand-off voltage range from 5.8 V to 376 V

Unidirectional and bidirectional types

Operating Tj max: 175 °C

High power capability at Tj max.: up to 420 W (10/1000  $\mu$ s)

Lead finishing: matte tin plating

**Recommended For You**

**P6KE200CA**

Taiwan Semiconductor

DO-15

**P6KE51A**

Taiwan Semiconductor

DO-15

**P6SMB36A**

Taiwan Semiconductor

SMB

**P6KE100A**

Taiwan Semiconductor

DO-15

**P6SMB62CA**

Taiwan Semiconductor

DO-214AA

**P6KE220A**

Taiwan Semiconductor

DO-15

**P6KE62A**

Taiwan Semiconductor

DO-15

**P6KE20A**

Taiwan Semiconductor

DO-15

**SMBJ12CA**

Taiwan Semiconductor

SMB

**SMCJ33CA**

Taiwan Semiconductor

SMC

**SMCJ15A**

Taiwan Semiconductor

SMC

**SMCJ12A**

Taiwan Semiconductor

SMC

**SMBJ14A**

Taiwan Semiconductor

SMB

**SMCJ18A**

Taiwan Semiconductor

SMC(DO-214AB)

**SMCJ15CA**

Taiwan Semiconductor

SMC