



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Featured Products Bulletin

THYRISTOR SURGE PROTECTORS

ADVANCE NOTICE



Bourns Releases New TISP4S Series Single Bidirectional Thyristor Surge Protectors

Riverside, California - TO BE RELEASED OCTOBER 3, 2012 - Bourns is pleased to announce the release of the Model TISP4SxxxxxyBJR-S Series Single Bidirectional Thyristor Surge Protectors, designed to limit overvoltages on telephone lines. A single Model TISP4S device provides 2-point protection and is typically used for the protection of 2-wire telecommunication equipment (e.g., between the Ring and Tip wires for telephones and modems).

In addition to Bourns' comprehensive portfolio of thyristors, the new family of TISP® products was designed to provide excellent circuit protection for cost-sensitive applications.

The Bourns® Model TISP4SxxxxxyBJR-S Overvoltage Protector Series consists of a symmetrical voltage-triggered bidirectional thyristor, provided in a space-saving surface mount SMB package. The model series meets industry standard requirements for RoHS compliancy* and Pb Free solder reflow profiles.

Combinations of devices can be used for multi-point protection (e.g. 3-point protection between Ring, Tip and Ground). The product offering is listed on page 2 by protection voltage and surge current rating.

Features

- Space saving design
- SMB (DO-214AA) package
- Meets Pb free solder reflow profiles
- RoHS compliant*

Applications

- Telecommunications

Device Number	Package Options	Standoff Voltage (V)	Protection Voltage (V)	Holding Current (mA)	Ratings for Lightning Surge Standards - GR-1089-CORE 10/1000 μ s (A)
TISP4S040L1BJR-S	SMB	± 25	± 40	50	30
TISP4S040M1BJR-S	SMB	± 25	± 40	50	50
TISP4S077M3BJR-S	SMB	± 58	± 77	150	50
TISP4S088M3BJR-S	SMB	± 65	± 88	150	50
TISP4S098M3BJR-S	SMB	± 75	± 98	150	50
TISP4S160M3BJR-S	SMB	± 120	± 160	150	50
TISP4S180M3BJR-S	SMB	± 140	± 180	150	50
TISP4S240M3BJR-S	SMB	± 180	± 240	150	50
TISP4S260M3BJR-S	SMB	± 190	± 260	150	50
TISP4S300M3BJR-S	SMB	± 220	± 300	150	50
TISP4S350M3BJR-S	SMB	± 275	± 350	150	50
TISP4S350T3BJR-S	SMB	± 275	± 350	150	80
TISP4S400M3BJR-S	SMB	± 300	± 400	150	50

The product data sheet with detailed specifications can be viewed on the Bourns website at www.bourns.com.

If you have any questions, please contact our customer service teams in your region.