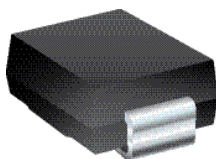


NEW PRODUCT RELEASE

SEMICONDUCTOR PRODUCTS



Bourns Introduces Transient Voltage Suppressor Diodes

SMLJ-R Series

Riverside, California - November 14, 2025 – Bourns is pleased to announce the new [SMLJ-R Series](#) in a compact DO-214AB package to provide effective ESD protection for portable communications, computing and video equipment applications.

This Transient Voltage Suppressor Series offers a choice of Working Peak Reverse Voltage from 12 to 30 V and Breakdown Voltage up to 36.8 V. 13 unidirectional and 8 bidirectional models are available.

Part Numbers	Max. Repetitive Standoff Voltage (V)	Package
SMLJ12A-R	12	DO-214AB (Unidirectional)
SMLJ13A-R	13	
SMLJ14A-R	14	
SMLJ15A-R	15	
SMLJ16A-R	16	
SMLJ17A-R	17	
SMLJ18A-R	18	
SMLJ20A-R	20	
SMLJ22A-R	22	
SMLJ24A-R	24	
SMLJ26A-R	26	
SMLJ28A-R	28	
SMLJ30A-R	30	

Part Numbers	Max. Repetitive Standoff Voltage (V)	Package
SMLJ12CA-R	12	DO-214AB (Bidirectional)
SMLJ13CA-R	13	
SMLJ14CA-R	14	
SMLJ15CA-R	15	
SMLJ16CA-R	16	
SMLJ17CA-R	17	
SMLJ18CA-R	18	
SMLJ20CA-R	20	

The SMLJ-R Series is RoHS compliant*. The product data sheet with detailed specifications can be viewed on the Bourns website at bourns.com/products/diodes/tvs-diodes. If you have any questions or need additional information, please feel free to contact [Bourns Customer Service/ Inside Sales](#).

Features

- Surface mount SMC package
- Standoff voltage: 12 to 30 volts
- Peak pulse power: 3000 watts
- Typical temperature coefficient: $\Delta V_{BR} = 0.1 \% \times V_{BR} @ 25^{\circ}\text{C} \times \Delta T$
- RoHS compliant*

Applications

- Portable communications
- Computing and video equipment

Additional Information



DATA
SHEET



PRODUCT
SELECTOR



TECHNICAL
LIBRARY



INVENTORY



SAMPLES



CONTACT

*RoHS Directive 2015/863, Mar 31, 2015 and Annex.

ESD2522