ESD Suppressor Diode TVS Bi-Dir 5V 25Vc 2-Pin SLP1006P T/R

Manufacturer:	Semtech Corporation
Package/Case:	SLP1006P2
Product Type:	Thyristors
RoHS:	RoHS Compliant/Lead free
Lifecycle:	Active

Images are for reference only

Inquiry

General Description

RailClamps are ultra low capacitance Transient Voltage Suppressors (TVS) designed to protect high speed data interfaces.

Key Features

Transient protection for data lines to:

IEC 61000-4-2 (ESD) ±15kV (air), ±8kV (contact)

IEC 61000-4-4 (EFT) 40A (tp = 5/50ns)

Cable Discharge Event (CDE)

Ultra-small package (1.0 x 0.6 x 0.5mm)

Protects one data or I/O line

Low capacitance: 0.5pF

Low clamping voltage

Low operating voltage: 5.0V

Solid-state silicon-avalanche technology

Pb-Free, Halogen Free, RoHS/WEEE Compliant

Application

Cellular Handsets & Accessories

Digital Visual Interface (DVI)

Display Port

MDDI Ports

USB Ports

PCI Express

Serial ATA

Packaging

RClamp0521P.TCT: Lead-free package, fully WEEE and RoHS compliant, tape and reel only.

Order Codes

SLP1006P2

Recommended For You

RCLAMP0504FATCT	**RClamp3304NATCT**	**RClamp3374N.TCT**
Semtech Corporation	Semtech Corporation	Semtech Corporation
SC70-6	SLP2626P10	SLP3020
RClamp0524J.TCT	**RClamp0531T.TCT**	**RClamp0522P.TCT**
Semtech Corporation	Semtech Corporation	Semtech Corporation
SLP2710P8	SLP1006P2T	SLP1610P4
RClamp0524P.TCT	**RClamp0582N.TCT**	**RClamp3654PATCT**
Semtech Corporation	Semtech Corporation	Semtech Corporation
SLP2510P8	SLP1210N6	SLP1616P6
RClamp1521P.TCT	**RClamp0504F.TCT**	**RClamp7534P.TNT**
Semtech Corporation	Semtech Corporation	Semtech Corporation
SLP1006P2	SC70-6	SGP2010
RClamp0524PATCT	**RClamp0502A.TCT**	**RCLAMP0504PATCT**
Semtech Corporation	Semtech Corporation	Semtech Corporation
SLP2510P8	SC89-6	SLP1616P6