

SOCAY TVS 400W SMAJ Bi-directionl 70V Surface Mount Transient Voltage Suppressor Diodes

Our Product Introduction

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Basic Information

- Place of Origin: Shenzhen, Guangdong, China
- Brand Name: SOCAY
- Certification: UL,REACH,RoHS,ISO
- Model Number: SMAJ70CA
- Minimum Order Quantity: 5000pcs
- Price: Negotiable
- Delivery Time: 5-8 work days



Product Specification

- SMAJ70CA Name: TVS Diodes
- SMAJ70CA Package Type: DO-214AC
- SMAJ70CA V_{rw}m: 70.0V
- SMAJ70CA V_{br}@I_t (Min.): 77.80V
- SMAJ70CA V_{br}@I_t (Max.): 86.00V
- SMAJ70CA I_t: 1mA
- SMAJ70CA V_c@I_{pp}: 113.0V
- SMAJ70CA I_{pp}: 3.54A
- SMAJ70CA I_r@V_{rw}m: 5μA
- SMAJ70CA Storage Temperature Range: -55 To +150

Product Description

SOCAY TVS 400W SMAJ Bi-directionl 70V Surface Mount Transient Voltage Suppressor Diodes

Product Description:

TVS Diodes - Protect Your Devices from Voltage Spikes

TVS diodes, also known as voltage spike suppressors, surge protection diodes, or transient voltage surge suppressors, are essential components in electronic circuits that protect sensitive devices from voltage spikes. These voltage spikes can occur due to lightning strikes, power surges, and other transient events, and can cause permanent damage to electronic devices.

Peak Pulse Current: 3.54A

Our TVS diodes are designed to handle peak pulse currents of up to 3.54A, providing robust protection for your devices against sudden voltage spikes.

Warranty: 365days

We stand behind the quality and reliability of our TVS diodes with a 365-day warranty. In the rare case that your TVS diode fails, we will replace it free of charge within the warranty period.

Polarity: Bidirectional

Our TVS diodes are bidirectional, which means they can protect against voltage spikes in both directions. This makes them suitable for a wide range of applications and ensures comprehensive protection for your devices.

Mounting Style: Surface Mount

Our TVS diodes are designed for surface mount applications, making them easy to install and integrate into your electronic circuits. Their compact size also helps to save space on your PCB.

Ipp: 3.54A

The Ipp (peak pulse current) rating of our TVS diodes is 3.54A, indicating their high surge handling capability. This allows them to effectively dissipate large amounts of energy from voltage spikes, keeping your devices safe.

Electrical Characteristics (TA=25°C unless otherwise noted) (Continue)

Part Number		Marking		Reverse Stand-Off Voltage V _{RM} (V)	Breakdown Voltage V _{BR} (V) @I _{tr}		Test Current I _t (mA)	Maximum Clamping Voltage V _C @I _{tr} (V)	Maximum Peak Pulse Current I _{tr} (A)	Maximum Reverse Leakage I _s @V _{RM} (μA)
Uni	Bi	Uni	Bi		MIN	MAX				
SMAJ45A	SMAJ45CA	CV	YV	45.0	50.00	55.30	1	72.7	5.50	5
SMAJ48A	SMAJ48CA	CX	YX	48.0	53.30	58.90	1	77.4	5.17	5
SMAJ51A	SMAJ51CA	CZ	YZ	51.0	56.70	62.70	1	82.4	4.85	5
SMAJ54A	SMAJ54CA	RE	ZE	54.0	60.00	66.30	1	87.1	4.59	5
SMAJ58A	SMAJ58CA	RG	ZG	58.0	64.40	71.20	1	93.6	4.27	5
SMAJ60A	SMAJ60CA	RK	ZK	60.0	66.70	73.70	1	96.8	4.13	5
SMAJ64A	SMAJ64CA	RM	ZM	64.0	71.10	78.60	1	103.0	3.88	5
SMAJ70A	SMAJ70CA	RP	ZP	70.0	77.80	86.00	1	113.0	3.54	5
SMAJ75A	SMAJ75CA	RR	ZR	75.0	83.30	92.10	1	121.0	3.31	5
SMAJ78A	SMAJ78CA	RT	ZT	78.0	86.70	95.80	1	126.0	3.17	5
SMAJ80A	SMAJ80CA	RB	ZB	80.0	88.80	97.60	1	129.6	3.09	5
SMAJ85A	SMAJ85CA	RV	ZV	85.0	94.40	104.00	1	137.0	2.92	5
SMAJ90A	SMAJ90CA	RX	ZX	90.0	100.00	111.00	1	146.0	2.74	5
SMAJ100A	SMAJ100CA	RZ	ZZ	100.0	111.00	123.00	1	162.0	2.47	5
SMAJ110A	SMAJ110CA	SE	VE	110.0	122.00	135.00	1	177.0	2.26	5
SMAJ120A	SMAJ120CA	SG	VG	120.0	133.00	147.00	1	193.0	2.07	5
SMAJ130A	SMAJ130CA	SK	VK	130.0	144.00	159.00	1	209.0	1.91	5
SMAJ140A	SMAJ140CA	SB	VB	140.0	155.00	171.00	1	226.8	1.76	5
SMAJ150A	SMAJ150CA	SM	VM	150.0	167.00	185.00	1	243.0	1.65	5
SMAJ160A	SMAJ160CA	SP	VP	160.0	178.00	197.00	1	259.0	1.54	5
SMAJ170A	SMAJ170CA	SR	VR	170.0	189.00	209.00	1	275.0	1.45	5
SMAJ180A	SMAJ180CA	ST	VT	180.0	201.00	220.00	1	291.6	1.37	5
SMAJ190A	SMAJ190CA	SV	VV	190.0	211.00	232.00	1	307.8	1.30	5
SMAJ200A	SMAJ200CA	SW	VW	200.0	224.00	247.00	1	324.0	1.23	5
SMAJ220A	SMAJ220CA	SX	VX	220.0	246.00	272.00	1	356.0	1.12	5
SMAJ250A	SMAJ250CA	SZ	VZ	250.0	279.00	309.00	1	405.0	0.99	5
SMAJ300A	SMAJ300CA	DE	HE	300.0	335.00	371.00	1	486.0	0.82	5
SMAJ350A	SMAJ350CA	DG	HG	350.0	391.00	432.00	1	567.0	0.71	5
SMAJ400A	SMAJ400CA	DK	HK	400.0	447.00	494.00	1	648.0	0.62	5
SMAJ440A	SMAJ440CA	DM	HM	440.0	492.00	543.00	1	713.0	0.56	5

Features:

Product Name: TVS Diodes

Stock: In Stock

Ipp: 3.54A

Warranty: 365days
Peak Pulse Power: 400W
Transient Suppression Diodes
Surge Suppressors

Technical Parameters:

Specifications	TVS Diodes
Peak Pulse Power	400W
Storage Temperature Range	-55 To +150
Reverse Leakage Current	5μA
Polarity	Bidirectional
Stock	In Stock
Mounting Style	Surface Mount
Reverse Standoff Voltage	3.54V
Manufacturer	SOCAY
Ipp	3.54A
Product Type	Surge Protection Diodes, Transient Voltage Surge Suppressors, Voltage Spike Suppressors

Applications:

SOCAY TVS Diodes
Protect Your Electronic Circuits from Voltage Spikes and Surges

Brand Name: SOCAY
Model Number: SMAJ70CA
Place of Origin: China
Certification: UL, REACH, RoHS, ISO
Minimum Order Quantity: 5000pcs
Price: Negotiable
Delivery Time: 5-8 work days
Peak Pulse Current: 3.54A
Reverse Standoff Voltage: 70V
Warranty: 365days
Polarity: Bidirectional

TVS Diodes, also known as Transient Voltage Surge Suppressors or Transient Voltage Suppressor Diodes, are essential protection devices for electronic circuits. These small but powerful components are designed to protect electronic devices from voltage spikes and surges caused by events such as lightning strikes, power surges, and electrostatic discharge (ESD). At SOCAY, we are proud to offer high-quality TVS Diodes that are perfect for a wide range of applications. Our SMAJ70CA model, with a peak pulse current of 3.54A and reverse standoff voltage of 70V, is a highly reliable and effective option for protecting your electronic circuits.

Our TVS Diodes are widely used in circuit protection, providing overvoltage protection and ESD protection for a variety of electronic devices. They are commonly used in industries such as telecommunications, automotive, industrial, and consumer electronics. One of the key features of our TVS Diodes is their bidirectional polarity, which means they can handle both positive and negative voltage spikes. This makes them versatile and suitable for a wide range of applications.

Our TVS Diodes are rigorously tested and certified by UL, REACH, and ISO, ensuring their quality and safety. We also offer a 365-day warranty for our products, giving our customers peace of mind.

With a minimum order quantity of 5000pcs and a fast delivery time of 5-8 work days, we are able to meet the needs of both small and large-scale projects. Plus, our prices are negotiable, making our TVS Diodes a cost-effective solution for your circuit protection needs. Choose SOCAY TVS Diodes and protect your electronic circuits from voltage spikes and surges. Contact us today to learn more and place your order!

Packing and Shipping:

Packaging and Shipping for TVS Diodes

TVS diodes are packaged and shipped with great care to ensure their safe arrival to our customers. The packaging process includes the following steps:

Each TVS diode is individually placed in an anti-static bag to protect it from any static electricity during transportation.

The anti-static bag is then placed in a small box or tray, which is labeled with the product information for easy identification.

Multiple boxes or trays are then placed in a larger box, with appropriate cushioning materials such as foam or bubble wrap to prevent any damage during transit.

The larger box is sealed and labeled with the necessary shipping information, including the customer's address and tracking number.

Our standard shipping method for TVS diodes is through reputable courier services, such as DHL, UPS, or FedEx, to ensure timely and safe delivery. Customers can also request alternative shipping methods or use their own shipping accounts if preferred.

We take great pride in our packaging and shipping process to ensure that our TVS diodes arrive in perfect condition and meet our customers' expectations. For any special packaging or shipping needs, please contact us and we will do our best to accommodate your

requests.

FAQ:

Q: What is the brand name of this product?

A: The brand name of this product is SOCAY.

Q: What is the model number of this product?

A: The model number of this product is SMAJ70CA.

Q: Where is this product manufactured?

A: This product is manufactured in China.

Q: What certifications does this product have?

A: This product has UL, REACH, RoHS, and ISO certifications.

Q: What is the minimum order quantity for this product?

A: The minimum order quantity for this product is 5000pcs.

Q: Is the price of this product negotiable?

A: Yes, the price of this product is negotiable.

Q: How long is the delivery time for this product?

A: The delivery time for this product is 5-8 work days.



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