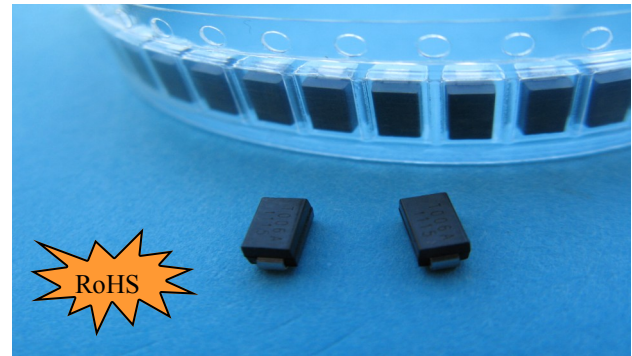


T0060A/B/C Thyristor Surge Suppressor

Description

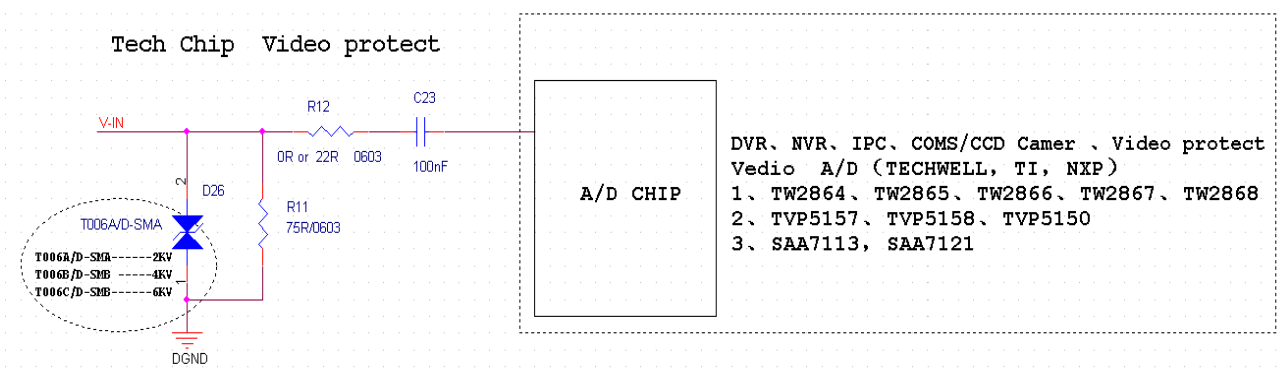
- ◆ Cannot be damaged by voltage.
- ◆ Eliminate hysteresis and heat dissipation typically found with clamping devices.
- ◆ Eliminate voltage overshoot caused by fast-rising transients.
- ◆ Are non-degenerative.
- ◆ Will not fatigue.
- ◆ Have low capacitance, making them ideal for high-speed transmission equipment



Electrical Parameters @ T=25°C RH = 45%-75%

Part Number	V _{DRM}	I _{DRM}	V _S	I _S	V _T	I _T	I _H	C _o	ITU-T K.21-2008
	V	μA	V	mA	V	A	mA	ρF	KV
		Max	Max		Max		Min	Max	Max
T0060A	6	5	25	800	4	1	40	35	2.5
T0060B	6	5	25	800	4	1	40	45	4.5
T0060C	6	5	25	800	4	1	15	80	6.5

- ◆ V_S is measured at 100KV/S
- ◆ Off-state capacitance is measured in VDC=2V, VRMS=1V, F=1MHz
- ◆ All measurements are made at an ambient temperature of 25 °C
- ◆ Rating Surge Current: 2KV/4KV/6KV(10/700μS) ,50A /75A/100A(5/320μS)



Description of Part Number

T 006 A/B/C

①

②

③

① Tech-chip Semiconductor Surge Arrestor

② Series:0060

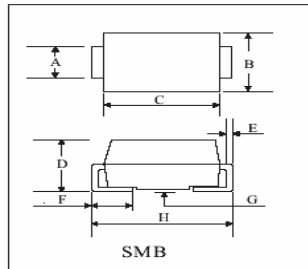
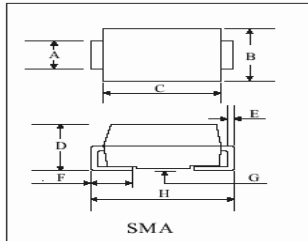
③ Package/Rating Surge Current: A:SMA/2KV;

B:SMB/4KV;

C:SMB/6KV;

T0060A/B/C Thyristor Surge Suppressor

Dimensions



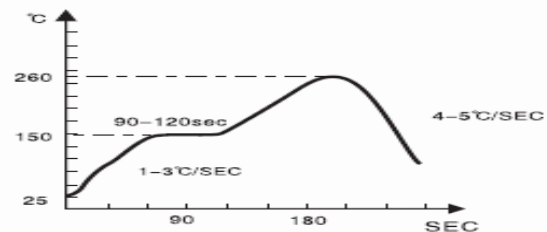
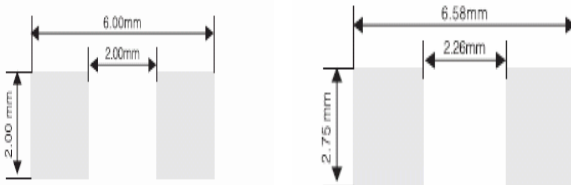
Size	A (mm)	B (mm)	C (mm)	D (mm)
SMA	1.29-1.70	2.18-2.79	4.06-4.57	1.70-2.31
Size	E (mm)	F (mm)	G (mm)	H (mm)
SMA	0.15-0.31	0.89-1.50	0.10-0.20	4.70-5.31
Size	A (mm)	B (mm)	C (mm)	D (mm)
SMB	1.96-2.21	3.30-3.94	4.06-4.57	1.95-2.62
Size	E (mm)	F (mm)	G (mm)	H (mm)
SMB	0.15-0.31	0.76-1.52	0.05-0.20	5.21-5.59

Marking:

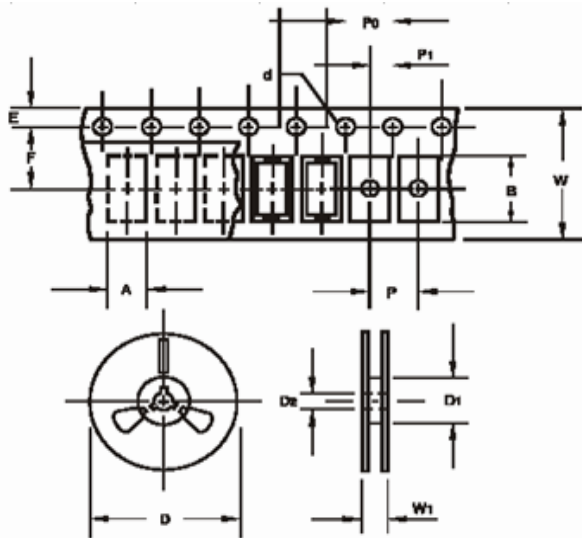
T006A /T006B /T006C —Part Number

0912 Production Date:0912 means 12th weak ,2009

RECOMMENDED SOLDERING PAD AND REFLOW PROFILE(SMA,SMB)



PACKAGE REEL INFORMATION



SMA (DO-214AC)

REF.	mm(inch)
A	2.6+/-0.15(.102+/-0.006)
B	5.15+/-0.15(.203+/-0.006)
d	1.5+/-0.1(.059+/-0.004)
D	330.0(13.0)
D1	50Min
D2	13+/-0.5(.512+/-0.020)
E	1.5+/-0.1(.059+/-0.004)
F	5.65+/-0.05(.222+/-0.002)
P	4.0+/-0.1(.157+/-0.004)
P0	4.0+/-0.1(.157+/-0.004)
P1	2.0+/-0.1(.079+/-0.004)
W	12.0+/-0.2(.472+/-0.008)
W1	16.8+/-2.0(.661+/-0.079)

	OUT-LINE	REEL (PCS)	PER CARTON (PCS)	REEL DIAMETER (mm)	CARTON SIZE (mm)		
					L	W	H
SMA	TAPING	5,000	40,000	330	360	360	360
SMB	TAPING	2,500	20,000	330	360	360	360