

Thyristor Surge Protective Devices



Part Number	Microsemi Division	Package Outline	Type	Data Sheet ID	Ipps max (A)	Vdrn (V)	IDRM max (uA)	VBR min (V)	VBO max (V)	VT max (V)	ITSM max (V)	Co max (pF)
TSMBG0524C	Scottsdale	DO-215AA	SM	16519	50	240	5	300	400	4	30	200
TSMBJ0524C	Scottsdale	DO-214AA	SM	16545	50	240	5	300	400	4	30	200
TCD0527C	Scottsdale	CELLULAR DIE	DIE	16217	50	270	5	335	440	4	30	200
TSEP0527C	Scottsdale	TSEP AXIAL	STD	16416	50	270	5	335	440	4	30	200
TSES0527C	Scottsdale	TSES AXIAL	STD	16442	50	270	5	335	440	4	30	200
TSF0527C	Scottsdale	TSF AXIAL	STD	16468	50	270	5	335	440	4	30	200
TSH0527C	Scottsdale	TSH AXIAL	STD	16494	50	270	5	335	440	4	30	200
TSMBG0527C	Scottsdale	DO-215AA	SM	16520	50	270	5	335	440	4	30	200
TSMBJ0527C	Scottsdale	DO-214AA	SM	16546	50	270	5	335	440	4	30	200
TCD1005C	Scottsdale	CELLULAR DIE	DIE	16218	100	50	5	60	100	3.5	50	200
TSEP1005C	Scottsdale	TSEP AXIAL	STD	16417	100	50	5	60	100	3.5	50	200
TSES1005C	Scottsdale	TSES AXIAL	STD	16443	100	50	5	60	100	3.5	50	200
TSF1005C	Scottsdale	TSF AXIAL	STD	16469	100	50	5	60	100	3.5	50	200
TSH1005C	Scottsdale	TSH AXIAL	STD	16495	100	50	5	60	100	3.5	50	200
TSMBG1005C	Scottsdale	DO-215AA	SM	16521	100	50	5	60	100	3.5	50	200
TSMBJ1005C	Scottsdale	DO-214AA	SM	16547	100	50	5	60	100	3.5	50	200
TCD1006C	Scottsdale	CELLULAR DIE	DIE	16219	100	60	5	70	110	3.5	50	200
TSEP1006C	Scottsdale	TSEP AXIAL	STD	16418	100	60	5	70	110	3.5	50	200
TSES1006C	Scottsdale	TSES AXIAL	STD	16444	100	60	5	70	110	3.5	50	200
TSF1006C	Scottsdale	TSF AXIAL	STD	16470	100	60	5	70	110	3.5	50	200
TSH1006C	Scottsdale	TSH AXIAL	STD	16496	100	60	5	70	110	3.5	50	200
TSMBG1006C	Scottsdale	DO-215AA	SM	16522	100	60	5	70	110	3.5	50	200
TSMBJ1006C	Scottsdale	DO-214AA	SM	16548	100	60	5	70	110	3.5	50	200
TCD1007C	Scottsdale	CELLULAR DIE	DIE	16220	100	70	5	85	145	3.5	50	200
TSEP1007C	Scottsdale	TSEP AXIAL	STD	16419	100	70	5	85	145	3.5	50	200
TSES1007C	Scottsdale	TSES AXIAL	STD	16445	100	70	5	85	145	3.5	50	200
TSF1007C	Scottsdale	TSF AXIAL	STD	16471	100	70	5	85	145	3.5	50	200
TSH1007C	Scottsdale	TSH AXIAL	STD	16497	100	70	5	85	145	3.5	50	200
TSMBG1007C	Scottsdale	DO-215AA	SM	16523	100	70	5	85	145	3.5	50	200
TSMBJ1007C	Scottsdale	DO-214AA	SM	16549	100	70	5	85	145	3.5	50	200
TCD1009C	Scottsdale	CELLULAR DIE	DIE	16221	100	90	5	115	185	3.5	50	200
TSEP1009C	Scottsdale	TSEP AXIAL	STD	16420	100	90	5	115	185	3.5	50	200
TSES1009C	Scottsdale	TSES AXIAL	STD	16446	100	90	5	115	185	3.5	50	200
TSF1009C	Scottsdale	TSF AXIAL	STD	16472	100	90	5	115	185	3.5	50	200
TSH1009C	Scottsdale	TSH AXIAL	STD	16498	100	90	5	115	185	3.5	50	200
TSMBG1009C	Scottsdale	DO-215AA	SM	16524	100	90	5	115	185	3.5	50	200
TSMBJ1009C	Scottsdale	DO-214AA	SM	16550	100	90	5	115	185	3.5	50	200
TCD1010C	Scottsdale	CELLULAR DIE	DIE	16222	100	100	5	125	200	3.5	50	200
TSEP1010C	Scottsdale	TSEP AXIAL	STD	16421	100	100	5	125	200	3.5	50	200
TSES1010C	Scottsdale	TSES AXIAL	STD	16447	100	100	5	125	200	3.5	50	200
TSF1010C	Scottsdale	TSF AXIAL	STD	16473	100	100	5	125	200	3.5	50	200

TSPD

Section Organization: TSPD Parametric Section is organized by ascending Ipps (amps), followed by ascending Vdrn (volts)

Part Specifics Notes:

1. Pulse Width is specified as type: 10/1000uscc
2. VBR is measured @ I(BR)=1mA

General Notes:

1. All Thyristor Surge Protective Devices are manufactured by Microsemi Scottsdale, AZ
2. Type specifies "STD" - Standard, "SM" - Surface Mount, "DIE" - Die Form
3. Datasheets can be obtained from Microsemi's Website or Fax on Demand System by specifying the Data Sheet ID