

# Thyristor Surge Protective Devices

Part Number	Microsemi Division	Package Outline	Type	Data Sheet ID	Ipps max (A)	Vdrm (V)	IDRM max (uA)	VBR min (V)	VBO max (V)	VT max (V)	ITSM max (V)	Co max (pF)
TSF1022C	Scottsdale	TSF AXIAL	STD	16479	100	220	5	275	350	3.5	50	200
TSH1022C	Scottsdale	TSH AXIAL	STD	16505	100	220	5	275	350	3.5	50	200
TSMBG1022C	Scottsdale	DO-215AA	SM	16531	100	220	5	275	350	3.5	50	200
TSMBJ1022C	Scottsdale	DO-214AA	SM	16557	100	220	5	275	350	3.5	50	200
TCD1024C	Scottsdale	CELLULAR DIE	DIE	16229	100	240	5	300	400	3.5	50	200
TSEP1024C	Scottsdale	TSEP AXIAL	STD	16428	100	240	5	300	400	3.5	50	200
TSES1024C	Scottsdale	TSES AXIAL	STD	16454	100	240	5	300	400	3.5	50	200
TSF1024C	Scottsdale	TSF AXIAL	STD	16480	100	240	5	300	400	3.5	50	200
TSH1024C	Scottsdale	TSH AXIAL	STD	16506	100	240	5	300	400	3.5	50	200
TSMBG1024C	Scottsdale	DO-215AA	SM	16532	100	240	5	300	400	3.5	50	200
TSMBJ1024C	Scottsdale	DO-214AA	SM	16558	100	240	5	300	400	3.5	50	200
TCD1027C	Scottsdale	CELLULAR DIE	DIE	16230	100	270	5	335	440	3.5	50	200
TSEP1027C	Scottsdale	TSEP AXIAL	STD	16429	100	270	5	335	440	3.5	50	200
TSES1027C	Scottsdale	TSES AXIAL	STD	16455	100	270	5	335	440	3.5	50	200
TSF1027C	Scottsdale	TSF AXIAL	STD	16481	100	270	5	335	440	3.5	50	200
TSH1027C	Scottsdale	TSH AXIAL	STD	16507	100	270	5	335	440	3.5	50	200
TSMBG1027C	Scottsdale	DO-215AA	SM	16533	100	270	5	335	440	3.5	50	200
TSMBJ1027C	Scottsdale	DO-214AA	SM	16559	100	270	5	335	440	3.5	50	200

**TSPD**

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

**Part Specifics Notes:**

1. Pulse Width is specified as type: 10/1000usec
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