

Thyristor Surge Protective Devices



Part Number	Microsemi Division	Package Outline	Type	Data Sheet ID	Ipps max (A)	Vdrn (V)	IDRM max (A)	VBR min (V)	VBO max (V)	VT max (V)	ITSM max (V)	Co max (pF)
TSH1010C	Scottsdale	TSH AXIAL	STD	16499	100	100	5	125	200	3.5	50	200
TSH1011C	Scottsdale	TSH AXIAL	STD	16500	100	100	5	135	200	3.5	50	200
TSMBG1010C	Scottsdale	DO-215AA	SM	16525	100	100	5	125	200	3.5	50	200
TSMBJ1010C	Scottsdale	DO-214AA	SM	16551	100	100	5	125	200	3.5	50	200
TCD1011C	Scottsdale	CELLULAR DIE	DIE	16223	100	110	5	135	210	3.5	50	200
TSEP1011C	Scottsdale	TSEP AXIAL	STD	16422	100	110	5	135	210	3.5	50	200
TSES1011C	Scottsdale	TSES AXIAL	STD	16448	100	110	5	135	210	3.5	50	200
TSF1011C	Scottsdale	TSF AXIAL	STD	16474	100	110	5	135	210	3.5	50	200
TSMBG1011C	Scottsdale	DO-215AA	SM	16526	100	110	5	135	210	3.5	50	200
TSMBJ1011C	Scottsdale	DO-214AA	SM	16552	100	110	5	135	210	3.5	50	200
TCD1012C	Scottsdale	CELLULAR DIE	DIE	16224	100	120	5	150	215	3.5	50	200
TSEP1012C	Scottsdale	TSEP AXIAL	STD	16423	100	120	5	150	215	3.5	50	200
TSES1012C	Scottsdale	TSES AXIAL	STD	16449	100	120	5	150	215	3.5	50	200
TSF1012C	Scottsdale	TSF AXIAL	STD	16475	100	120	5	150	215	3.5	50	200
TSH1012C	Scottsdale	TSH AXIAL	STD	16501	100	120	5	150	215	3.5	50	200
TSMBG1012C	Scottsdale	DO-215AA	SM	16527	100	120	5	150	215	3.5	50	200
TSMBJ1012C	Scottsdale	DO-214AA	SM	16553	100	120	5	150	215	3.5	50	200
TCD1014C	Scottsdale	CELLULAR DIE	DIE	16225	100	140	5	175	250	3.5	50	200
TSEP1014C	Scottsdale	TSEP AXIAL	STD	16424	100	140	5	175	250	3.5	50	200
TSES1014C	Scottsdale	TSES AXIAL	STD	16450	100	140	5	175	250	3.5	50	200
TSF1014C	Scottsdale	TSF AXIAL	STD	16476	100	140	5	175	250	3.5	50	200
TSH1014C	Scottsdale	TSH AXIAL	STD	16502	100	140	5	175	250	3.5	50	200
TSMBG1014C	Scottsdale	DO-215AA	SM	16528	100	140	5	175	250	3.5	50	200
TSMBJ1014C	Scottsdale	DO-214AA	SM	16554	100	140	5	175	250	3.5	50	200
TCD1016C	Scottsdale	CELLULAR DIE	DIE	16226	100	160	5	190	265	3.5	50	200
TSEP1016C	Scottsdale	TSEP AXIAL	STD	16425	100	160	5	190	265	3.5	50	200
TSES1016C	Scottsdale	TSES AXIAL	STD	16451	100	160	5	190	265	3.5	50	200
TSF1016C	Scottsdale	TSF AXIAL	STD	16477	100	160	5	190	265	3.5	50	200
TSH1016C	Scottsdale	TSH AXIAL	STD	16503	100	160	5	190	265	3.5	50	200
TSMBG1016C	Scottsdale	DO-215AA	SM	16529	100	160	5	190	265	3.5	50	200
TSMBJ1016C	Scottsdale	DO-214AA	SM	16555	100	160	5	190	265	3.5	50	200
TCD1018C	Scottsdale	CELLULAR DIE	DIE	16227	100	180	5	220	300	3.5	50	200
TSEP1018C	Scottsdale	TSEP AXIAL	STD	16426	100	180	5	220	300	3.5	50	200
TSES1018C	Scottsdale	TSES AXIAL	STD	16452	100	180	5	220	300	3.5	50	200
TSF1018C	Scottsdale	TSF AXIAL	STD	16478	100	180	5	220	300	3.5	50	200
TSH1018C	Scottsdale	TSH AXIAL	STD	16504	100	180	5	220	300	3.5	50	200
TSMBG1018C	Scottsdale	DO-215AA	SM	16530	100	180	5	220	300	3.5	50	200
TSMBJ1018C	Scottsdale	DO-214AA	SM	16556	100	180	5	220	300	3.5	50	200
TCD1022C	Scottsdale	CELLULAR DIE	DIE	16228	100	220	5	275	350	3.5	50	200
TSEP1022C	Scottsdale	TSEP AXIAL	STD	16427	100	220	5	275	350	3.5	50	200
TSES1022C	Scottsdale	TSES AXIAL	STD	16453	100	220	5	275	350	3.5	50	200

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: 10/1000usec
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

Fax On Demand (800) 713-4113

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<http://www.microsemi.com>

TSPD