

Type	V <sub>DRM</sub> V <sub>RRM</sub>	I <sub>TRMSM</sub>	I <sub>TSM</sub> 10 ms, t <sub>vj max</sub>	∫i <sup>2</sup> dt 10 ms, t <sub>vj max</sub>	I <sub>TAVM</sub> /t <sub>C</sub> 180 °el sin.	V <sub>(TO)</sub> t <sub>vj</sub> = t <sub>vj max</sub>	r <sub>r</sub> t <sub>vj</sub> = t <sub>vj max</sub>	(di/dt) <sub>cr</sub> DIN IEC 747-6	t <sub>q</sub>	(dv/dt) <sub>cr</sub> DIN IEC 747-6	R <sub>thJC</sub> 180 °el sin.	R <sub>thCK</sub>	t <sub>vj max</sub>	Outline
	V	A	A	A <sup>2</sup> s	A/°C	V	mΩ	A/μs	μs	V/μs	K/W	K/W	°C	

T-23-01

Modules with soldered contacts

TT 18 F TD 18 F DT 18 F	800 1000 1100 1200*	40	350	610	25/60 18/85	1,2	14	100	F ≤ 25 E ≤ 20 S ≤ 18 D ≤ 15 C* ≤ 12	B = 50 C = 500 L = 500 M* = 1000	1,2	0,2	125	45
TT 25 F TD 25 F DT 25 F	800 1000 1100 1200*	50	460	1060	32/71 25/85	1,20	8,0	100	F ≤ 25 E ≤ 20 S ≤ 18 D ≤ 15 C* ≤ 12	B = 50 C = 500 L = 500 M* = 1000	0,92	0,2	125	45
TT 32 F TD 32 F DT 32 F	800 1000 1100 1200*	80	850	3600	51/52 32/85	1,30	5,5	120	F ≤ 25 E ≤ 20 S ≤ 18 D ≤ 15 C* ≤ 12	B = 50 C = 500 L = 500 M* = 1000	0,72	0,16	125	45
TT 42 F TD 42 F DT 42 F	800 1000 1100 1200*	100	1000	5000	64/54 42/85	1,25	3,8	120	F ≤ 25 E ≤ 20 S ≤ 18 D ≤ 15 C* ≤ 12	B = 50 C = 500 L = 500 M* = 1000	0,6	0,16	125	45

Modules with compression bonding

TT 50 F TD 50 F DT 50 F	800 1000 1100 1200 1300*	120	1150	7200	76/55 50/85	1,40	4,5	200	F ≤ 25 E ≤ 20 D ≤ 15 C ≤ 12	B = 50 C = 500 L = 500 M* = 1000	0,41	0,08	125	49
TT 60 F TD 60 F DT 60 F	800 1000 1100 1200 1300*	150	1300	8450	96/50 60/85	1,30	4,0	200	F ≤ 25 E ≤ 20 D ≤ 15 C ≤ 12	B = 50 C = 500 L = 500 M* = 1000	0,35	0,08	125	49
TT 71 F TD 71 F DT 71 F	800 1000 1100 1200 1300 1400*	180	2100	22000	115/50 71/85	1,30	3,1	160	F ≤ 25 E ≤ 20	B = 50 C = 500 L = 500 M* = 1000	0,30	0,06	125	50
TT 81 F TD 81 F DT 81 F	200 400 600 800	180	2200	24200	115/62 81/85	1,25	2,0	160	E ≤ 20 D ≤ 15 C* ≤ 12	B = 50 C = 500 L = 500 M* = 1000	0,30	0,06	125	50
TT 101 F TD 101 F DT 101 F	800 1000 1100 1200 1300 1400*	200	2400	28800	128/70 101/85	1,20	2,1	160	F ≤ 25 E ≤ 20	B = 50 C = 500 L = 500 M* = 1000	0,23	0,06	125	50
TT 111 F TD 111 F DT 111 F	200 400 600 800	200	2600	33800	128/76 111/85	1,20	1,4	200	E ≤ 20 D ≤ 15 C* ≤ 12	B = 50 C = 500 L = 500 M* = 1000	0,23	0,06	125	50
TT 180 F TD 180 F DT 180 F	800 1000 1100 1200 1300*	350	6000	180000	223/73 180/85	1,30	0,9	200	F ≤ 25 E ≤ 20 S ≤ 18	B = 50 C = 500 L = 500 M* = 1000	0,13	0,04	125	52
TT 200 F TD 200 F DT 200 F	800 1000 1100 1200 1300*	410	6400	205000	261/68 200/85	1,20	0,75	200	F ≤ 25 E ≤ 20 S ≤ 18	B = 50 C = 500 L = 500 M* = 1000	0,13	0,04	125	52

Most types of the power module have been UL-recognized.

\* Delivery for large quantities on request