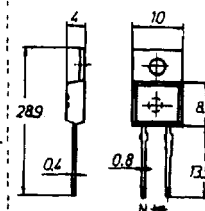


$T_{JM}=125^{\circ}\text{C}$ $I_{FSM}=135\text{A}$ $R_{thJ-C}\leq 3^{\circ}\text{C/W}$

TYPE	I_{FAVM} @ T_C		V_{RRM}	V_F @ 25°C & I_F #		I_R @ V_{RRM} #		r_F	C_{tot} *		CASE STYLE
	(A)	($^{\circ}\text{C}$)		max. (V)	(A)	$T_{J=25^{\circ}\text{C}}$ max. (uA)	$T_{J=125^{\circ}\text{C}}$ max. (uA)		($\times 10^{-3}$ ohms)	$T_{VJ=25^{\circ}\text{C}}$ max. (nF)	
6BS 20	6	125	20	0.75	6	10	40			1.5	TO-220d
6BS 25			25								
6BS 30			30								
6BS 35			35								
6BS 40			40								
6BS 45			45								
6BS 50			50								
6BS 55			55								
6BS 60			60								
8BS 20	8	125	20	0.75	8	10	40			1.5	
8BS 25			25								
8BS 30			30								
8BS 35			35								
8BS 40			40								
8BS 45			45								
8BS 50			50								
8BS 55			55								
8BS 60			60								
10BS 20	10	125	20	0.75	10	10	40			1.5	
10BS 25			25								
10BS 30			30								
10BS 35			35								
10BS 40			40								
10BS 45			45								
10BS 50			50								
10BS 55			55								
10BS 60			60								
12BS 20	12	125	20	0.75	12	10	40			1.5	
12BS 25			25								
12BS 30			30								
12BS 35			35								
12BS 40			40								
12BS 45			45								
12BS 50			50								
12BS 55			55								
12BS 60			60								
14BS 20	14	125	20	0.75	14	10	40			1.5	
14BS 25			25								
14BS 30			30								
14BS 35			35								
14BS 40			40								
14BS 45			45								
14BS 50			50								
14BS 55			55								
14BS 60			60								
16BS 20	16	125	20	0.75	16	10	40			1.5	
16BS 25			25								
16BS 30			30								
16BS 35			35								
16BS 40			40								
16BS 45			45								
16BS 50			50								
16BS 55			55								
16BS 60			60								
18BS 20	18	125	20	0.75	18	10	40			1.5	
18BS 25			25								
18BS 30			30								
18BS 35			35								
18BS 40			40								
18BS 45			45								
18BS 50			50								
18BS 55			55								
18BS 60			60								



Test conditions : * 300 us pulse width, 2% duty factor
* $V_F = 5\text{V}$, $f = 1\text{MHz}$