

	HSKN/R 5000 V - 30 A <i>High voltage diode</i>		2023
	MADE IN ITALY		
Symbol	Conditions	Values	Units
Vbr		8.000	V
Vrrm		7.500	V
IFAV	sin. 180; T _c = 89 (118)°C	40 (30)	A
IFsm	T _{vj} = 25°C; 10 ms	1.900	A
	T _{vj} = 160°C; 10 ms	1.600	A
i _{zt}	T _{vj} = 25°C; 8,3 ... 10 ms	18.000	A _{2S}
	T _{vj} = 160°C; 8,3 ... 10 ms	12.500	A _{2S}
V _f	T _{vj} = 25°C; I _f = 300 A	max 1,9	V
V (TO)	T _{vj} = 150°C	max 1	V
r _T	T _{vj} = 150°C	max 3,7	mΩ
I _{RD}	T _{vj} = 25°C; V _{RD} = V(BR) min	max. 1000	μA
	T _{vj} = 160°C; V _{RD} = V(BR) min	max. 15	mA
R _{th(j-c)}		0,3	K/W
R _{th(c-s)}		0,08	K/W
T _{vj}		- 40 ... + 160	°C
T _{stg}		- 40 ... + 160	°C
Weight		626	gr.

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