

# Diodi di Stringa

## String Diodes

### > TECHNICAL DATA

> REV. 00 – 24/10/2023

Symbol	Parameters	Conditions	Values	Units
<b>&gt; DIODO HSKE 15 A - MC4</b>				
VL	Maximum voltage string	T 150°C	1000	V
Vrrm	Repetitive peak reverse voltage (IEC60364-7-712)	Tj 175°C	2000	V
Vf	Forward voltage	If = 15A	0,8	V
Iavg	Maximum continuous current for single diode	Tamb. 40°C	15	A
I <sub>fsm</sub>	Surge forward current	Tvj=25°C; 10ms	1150	A
I <sup>2</sup> t	I <sup>2</sup> t value	Tvj=25°C; 10ms	6600	A <sup>2</sup> S
Tj (max)	Junction temperature		180	°C
Tcase (max)	Heatsink temperature		100	°C
Rth j-c	Thermal resistance junction to case		3	°C/W
Ird	Direct reverse current		max. 10	mA
Qrr	Recovered charge	Tvj=10°C; Vrd=Vrrm	70	uC
Tvj	Virtual junction temperature	Tvj=160°C; -df/dt=10A/μs	da -40 a + 180	°C
Visol	Insulation test voltage (r.m.s)		6000	V
	Size (Diam. x L)		20x222	mm
	Weight		120	gr



String diodes for photovoltaic panels.  
MC4 connectors.



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Diodi di stringa per impianti fotovoltaici  
con connettori MC4.