SKNa 26, SKRa 26



Stud Diode

Avalanche Diode

SKNa 26 SKRa 26

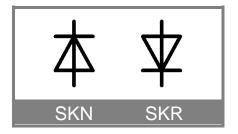
Features

- Avalanche type reverse characteristic up to 2000 V
- Hermetic metal case with glass insulator
- Threaded stud ISO M6 (also 10-21 UNF 2A and M5)¹⁾
- Cooling via metal plates or heat sinks
- SKN: anode to studSKR: cathode to stud

Typical Applications*

- DC power supplies for magnets or solenoids (brakes, valves, etc.)
- Field coil supply for DC motors
- Series connections for high voltage applications (dust precipitators)

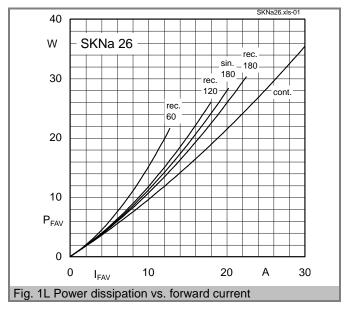
1) M6x1 is standard; "UNF" should be added in description for 10-32 UNF 2A thread, or M5 should be added in description for M5x0,8 thread.

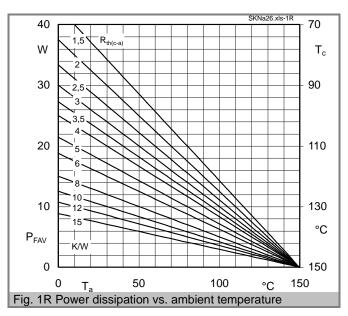


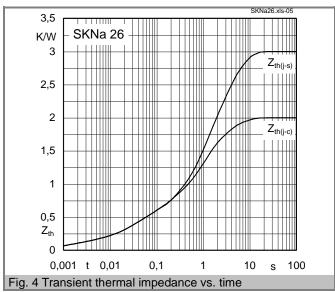
V _{(BR)min}	$I_{FRMS} = 40 \text{ A}$ (maximum value for continuous operation) $I_{FAV} = 26 \text{ A}$ (sin. 180; $T_c = 69 \text{ °C}$)		C _{max} µF	R_{min} Ω
1300 1700 2000	SKNa 26/13 SKNa 26/17 SKNa 26/20	SKRa 26/13 SKRa 26/17 SKRa 26/20		

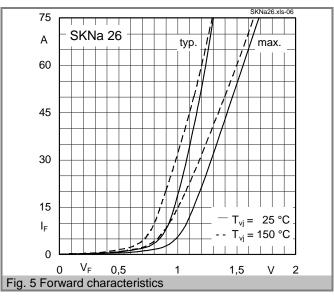
Symbol	Conditions	Values	Units
I _{FAV}	sin. 180; T _C = 86 (101) °C	22 (18)	Α
l _D	K 9; T _a = 45 °C; B2 / B6 K 3; T _a = 45 °C; B2 / B6	17 / 24 30 / 42	A A
I _{FSM} i ² t	T_{vj} = 25 °C; 10 ms T_{vj} = 150 °C; 10 ms T_{vj} = 25 °C; 8,310 ms T_{vj} = 150 °C; 8,310 ms	375 320 700 510	A A A ² s A ² s
VF V(TO) IT I _R PRSM	$ T_{vj} = 25 ^{\circ}\text{C}; \ I_F = 60 \text{A} \\ T_{vj} = 150 ^{\circ}\text{C} \\ T_{vj} = 150 ^{\circ}\text{C} \\ T_{vj} = 25 ^{\circ}\text{C}; \ V_R = V_{(BR)min} \\ T_{vj} = 150 ^{\circ}\text{C}; \ t_p = 10 \mu\text{s} $	max. 1,55 max. 0,85 max. 11 max. 10 6	V V mΩ μA kW
$\begin{array}{c} R_{th(j\text{-}c)} \\ R_{th(c\text{-}s)} \\ T_{vj} \\ T_{stg} \end{array}$		2 1 -40+150 -55+180	°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°
V _{isol} M _s a m	approx.	- 2 5 * 9,81 7	V~ Nm m/s² g
Case		E 8	

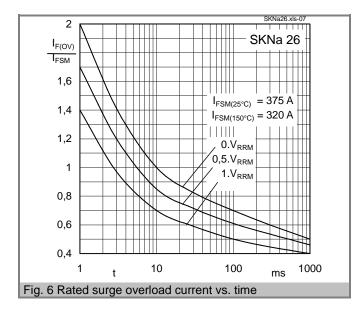
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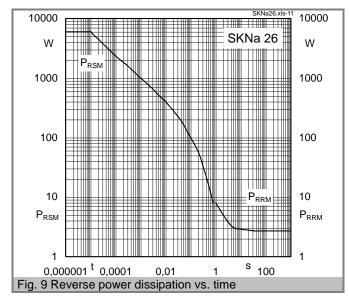




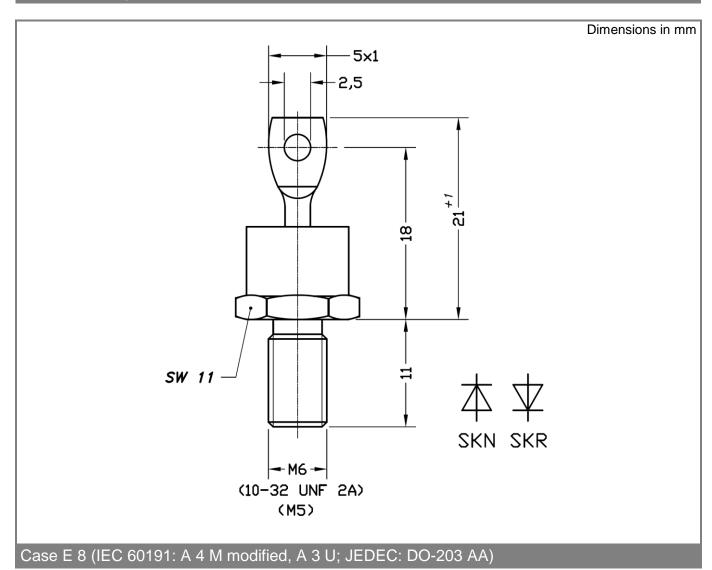








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