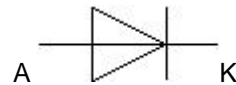


## SKN26 – SKR26

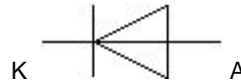
### STANDARD RECOVERY DIODE



**SKN26:** anode to stud



**SKR26:** cathode to stud



### Features

- Diffused series
- Available in Normal and Reverse polarity
- Industrial grade
- Available in avalanche characteristic
- metric and UNF thread
- DO-4 – 10-32UNF-2A

### Typical applications

- All-purpose mean power rectifier diodes
- Non-controllable and half-controllable rectifiers
- Free-wheeling diodes
- Cooling via metal plates or heatsinks

Compliance to RoHS.



## SKN26 – SKR26

### ELECTRICAL SPECIFICATIONS ( $T_e = 25^\circ\text{C}$ )

Symbol	Ratings		Value	Unit
$I_{F(AV)}$	Maximum average forward current	$T_C = 150^\circ\text{C}$	25	A
$V_{FM}$	Maximum peak forward voltage drop	$I_{F(AV)}$ rated	1.3	V
$I_{FSM}$	Maximum peak one cycle (non-rep) surge current		400	A
$I_{R(AV)}$	Maximum avg. reverse leakage current		150	$\mu\text{A}$
$I^2t$	Maximum $I^2t$ rating (non-rep)	For 5 to 10 ms	800	$\text{A}^2\text{s}$

Type number		$V_{RRM}$ (maximum repetitive peak reverse voltage) (v)	$V_{R(RMS)}$ (maximum RMS reverse voltage) (v)	$V_R$ (maximum DC blocking voltage) (V)	Recommended RMS working voltage (V)
SKN26	SKR26				
/01	/01	100	70	100	40
/02	/02	200	140	200	80
/04	/04	400	280	400	160
/06	/06	600	420	600	240
/08	/08	800	560	800	320
/10	/10	1000	700	1000	400
/12	/12	1200	840	1200	480
/14	/14	1400	980	1400	560
/16	/16	1600	1120	1600	640

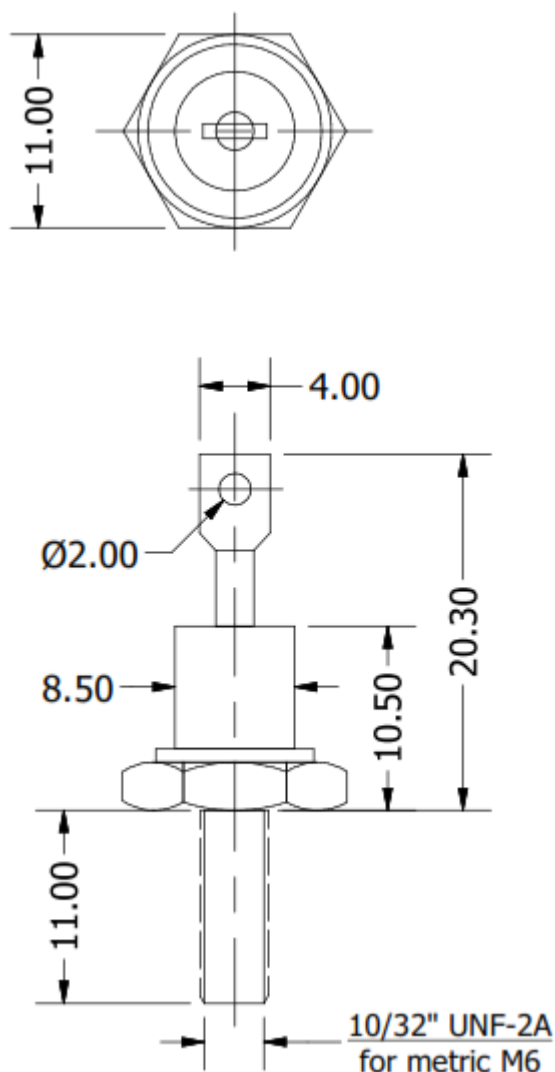
### THERMAL CHARACTERISTICS

Symbol	Ratings	Value	Unit
$R_{thJC}$	Maximum thermal resistance, junction to case	1.5	$^\circ\text{C/W}$
$T_J$	Operating junction temperature range	-65 to 150	$^\circ\text{C}$
$T_{stg}$	Storage temperature	-65 to 150	$^\circ\text{C}$
<b>F</b>	Mounting torque (non-lubricated threads)	1.8	M-kgr
<b>W</b>	Approximate weight	7	gr.



## SKN26 – SKR26

### MECHANICAL DATA CASE DO-4 (DO-203AA) in millimeters



Revised April 2016

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