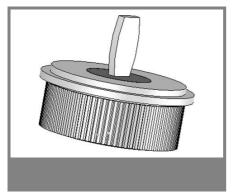
## KYZ 25A05 ... KYZ 25K6



### Silicon Press-Fit-Diodes

KYZ 25A05...KYZ 25K6
Forward Current: 25 A
Reverse Voltage: 50 to 600 V

Publish Data

#### **Features**

 max. solder temperature 260 °C, max. 5s

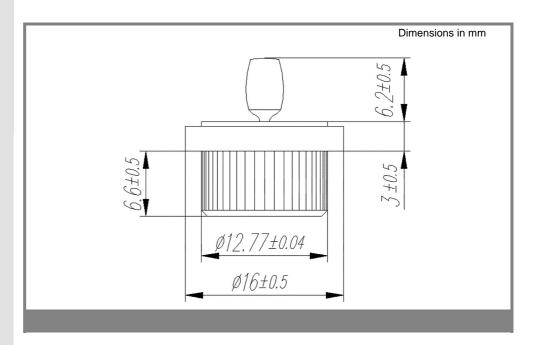
### **Mechanical Data**

- Metal press-fit case with glass seal
- Weight approx. 10 g
- Standard packaging: bulk
- · Mounting position: any

Туре	Wired to	Wired to	Repetitive	Surge	Maximum
			peak	peak	forward
	ANODE	CATHODE	reverse	reverse	voltage
			voltage	voltage	T <sub>i</sub> = 25 °C
					I <sub>F</sub> = 25 A
			$V_{RRM}$	$V_{RSM}$	$V_{F}$
			V	V	V
KYZ 25	KYZ 25A05	KYZ 25K05	50	60	1,1
KYZ 25	KYZ 25A1	KYZ 25K1	100	120	1,1
KYZ 25	KYZ 25A2	KYZ 25K2	200	240	1,1
KYZ 25	KYZ 25A3	KYZ 25K3	300	360	1,1
KYZ 25	KYZ 25A4	KYZ 25K4	400	480	1,1
KYZ 25	KYZ 25A6	KYZ 25K6	600	700	1,1

<b>Absolute Maximum Ratings</b> T <sub>c</sub> = 25 °C unless otherwise specifie					
Symbol	Conditions	Values	Units		
I <sub>FAV</sub>	Max. averaged fwd. current, R-load, T <sub>c</sub> = 100 °C	25	Α		
I <sub>FRM</sub>	Repetitive peak forward current f > 15 Hz <sup>1)</sup>	80	Α		
I <sub>FSM</sub>	Peak fwd. surge current 50 Hz half sinus-wave	270	Α		
l²t	Rating for fusing, t < 10 ms	375	A²s		
R <sub>thA</sub>	Thermal resistance junction to case	1	K/W		
T <sub>j</sub>	Operating junction temperature	- 50 + 175 °C	°C		
T <sub>s</sub>	Storage temperature	- 50 + 175 °C	°C		

Characteristics					
Symbol	Conditions	Values	Units		
I <sub>R</sub>	Maximum leakage current, T <sub>A</sub> 25 °C; V <sub>R</sub> = V <sub>RRM</sub>	100	μΑ		



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