



**TAYCHIPST**

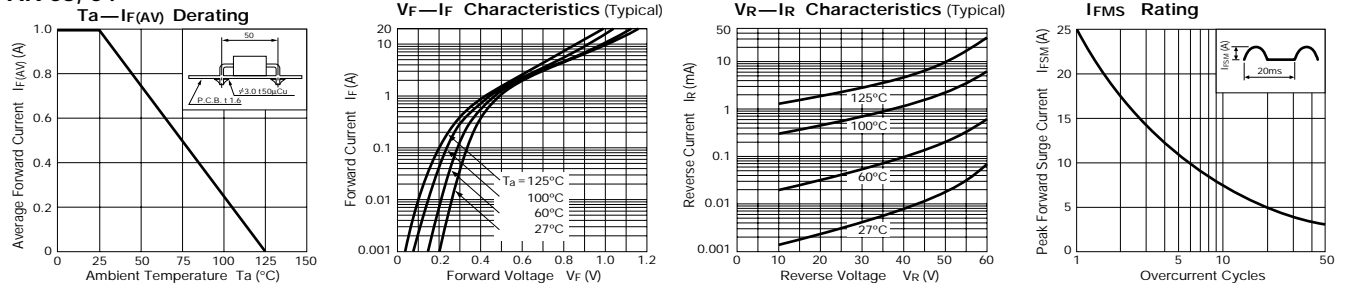
**Schottky Barrier Diodes**

AK 03/04 EK 03/04 RK 03/04

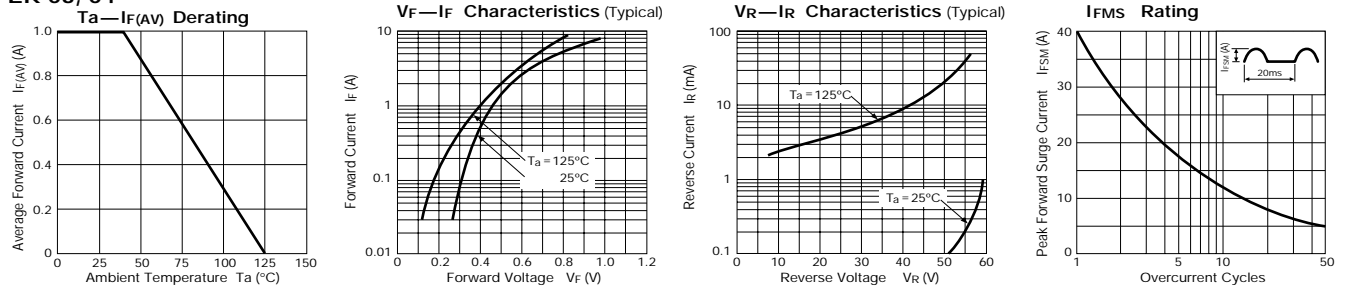
30V-40V 1.0A-3.0A

Parameter Type No.	Absolute-Maximum Ratings					Electrical Characteristics (Ta=25°C)						Others		
	V <sub>RM</sub> (V)	I <sub>F(AV)</sub> (A)	I <sub>FSM</sub> (A) 50Hz Half-cycle Sinewave Single Shot	T <sub>J</sub> (°C)	T <sub>stg</sub> (°C)	V <sub>F</sub> (V) max	I <sub>R</sub> (mA)	I <sub>R</sub> (mA) V <sub>R</sub> =V <sub>RM</sub> max	I <sub>R</sub> (mA) V <sub>R</sub> =V <sub>RM</sub> Ta=100°C max	t <sub>rr</sub> (ns) I <sub>F</sub> /I <sub>RP</sub> (mA)	R <sub>th(j-θ)</sub> (°C/W)	Mass (g)	Fig.	
AK 03	30	1.0	25	-40 to +150	0.55	1.0	1.0	50	50 (T <sub>J</sub> =100°C)	100	100/100	22.0	0.13	Ⓐ
EK 03			40			1.0								Ⓑ
EK 13		1.5	17.0			Ⓒ								
RK 13			1.7			60	15.0			0.45				Ⓓ
RK 33		2.5	50			12.0	0.6			Ⓔ				
RK 43		3.0	80			8.0	1.2			Ⓕ				
AK 04	40	1.0	25	-40 to +150	0.55	1.0	1.0	50 (T <sub>J</sub> =100°C)	100	100/100	22.0	0.13	Ⓐ	
EK 04			40			1.0							Ⓑ	
EK 14		1.5	17.0			Ⓒ								
RK 14			1.7			60	15.0		0.45				Ⓓ	
RK 34		2.5	50			12.0	0.6		Ⓔ					
RK 44		3.0	80			8.0	1.2		Ⓕ					

**AK 03, 04**



**EK 03, 04**



**EK 13, 14**

