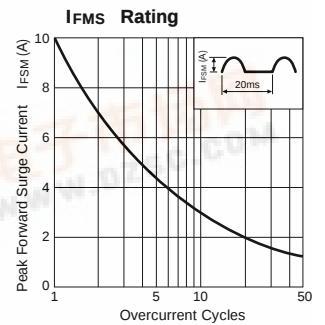
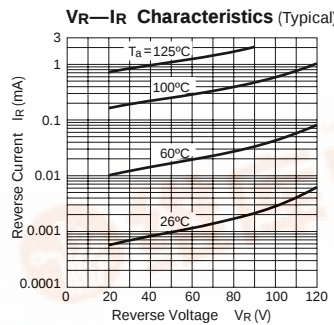
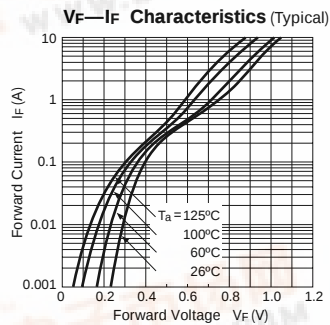
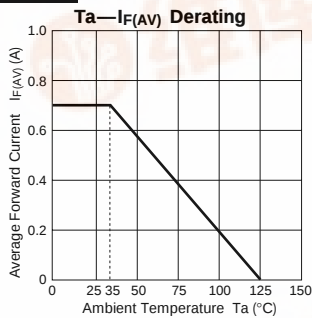


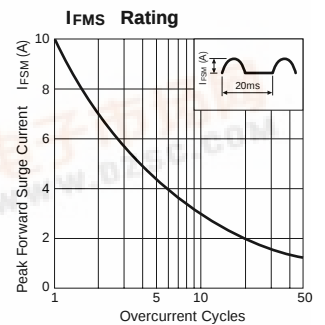
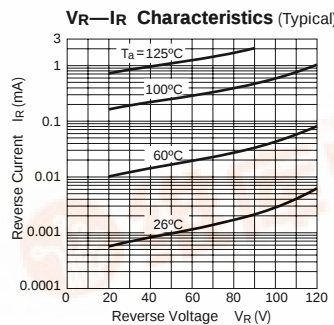
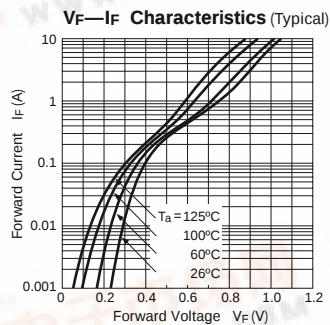
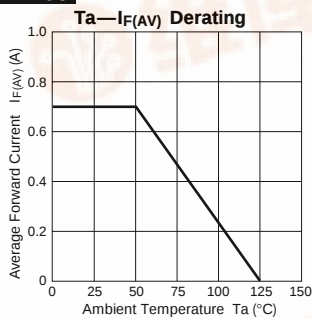
Schottky Barrier Diodes 90V

Parameter Type No.	Absolute Maximum Ratings					Electrical Characteristics (Ta=25°C)						Others		
	V _{RM} (V)	I _F (AV) (A) 50Hz Half-cycle Sinewave Single Shot	I _{FSM} (A)	T _J (°C)	T _{stg} (°C)	V _F (V)	I _R (mA)	I _R (H) (mA)	t _{rr} (ns)	R _{th} (j-ℓ)	Mass	Fig.		
						max	I _F (A)	V _R = V _{RM} max	V _R = V _{RM} Ta=100°C max		I _F /I _{RP} (mA)		(°C/W)	(g)
AK 09	90	0.7	10	-40 to +150	0.81	0.7	1.0	5	100	100/100	22.0	0.13	Ⓐ	
EK 09											20.0	0.3	Ⓑ	
EK 19		1.5	40			1.5	2.0	10			17.0		Ⓒ	
RK 19											15.0	0.45	Ⓓ	
RK 39											12.0		0.6	Ⓔ
RK 49											8.0	1.2	Ⓕ	

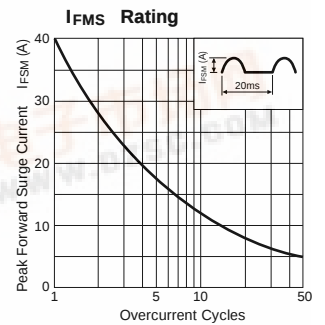
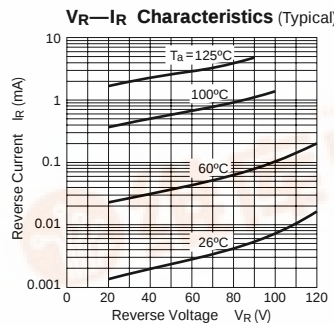
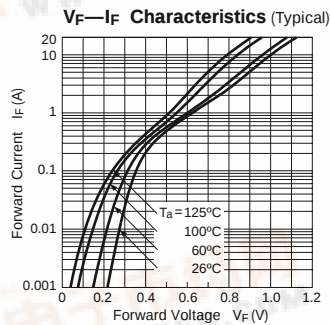
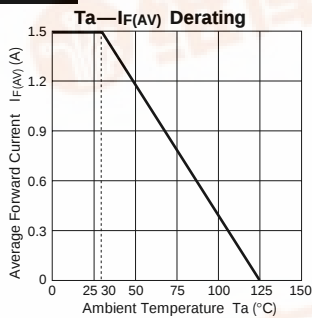
AK 09



EK 09



EK 19



External Dimensions

(Unit: mm)

Flammability:
UL94V-0 or Equivalent

Fig. Ⓐ

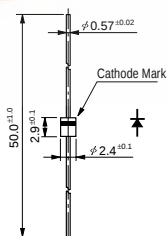


Fig. Ⓑ

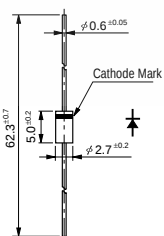


Fig. Ⓒ

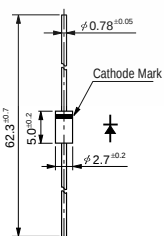


Fig. Ⓓ

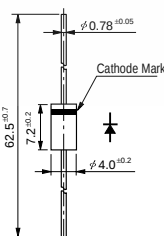


Fig. Ⓔ

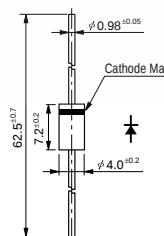
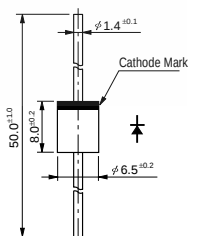
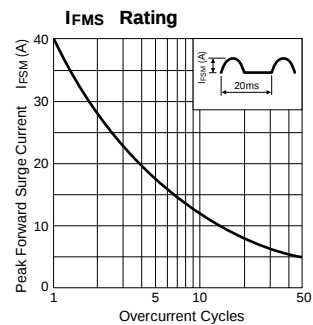
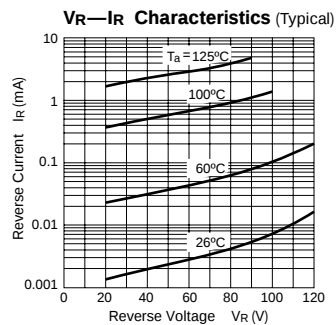
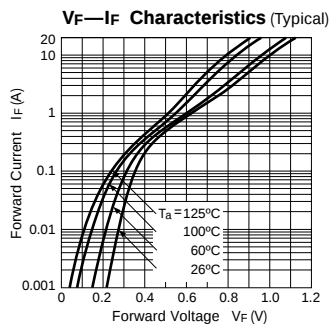
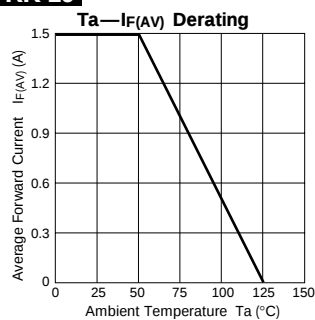
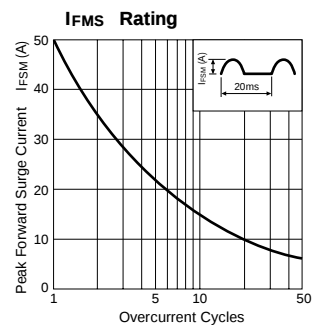
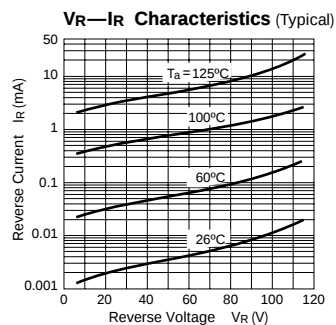
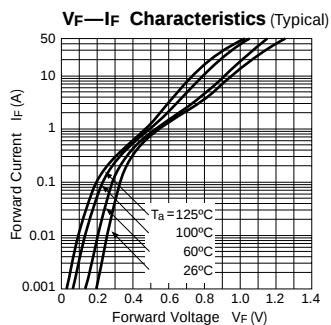
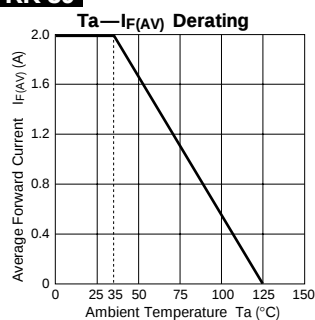


Fig. Ⓕ



RK 19**RK 39****RK 49**