



TAYCHIPST

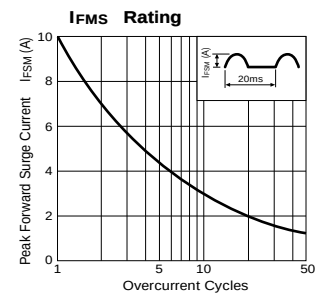
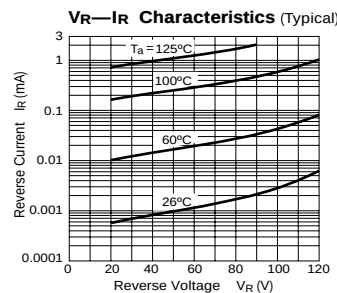
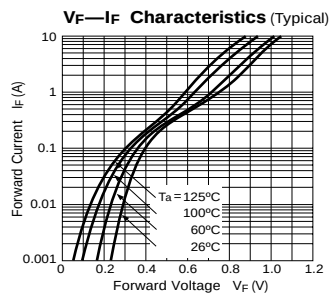
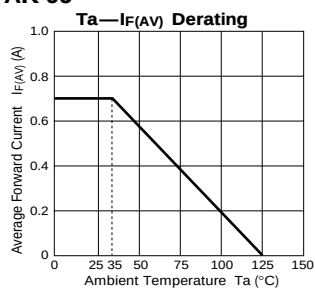
Schottky Barrier Diodes

AK 09 EK 09 RK 09

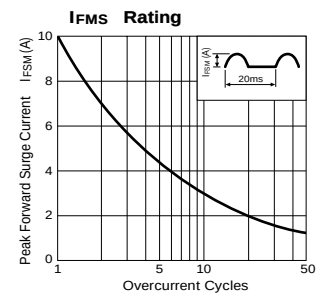
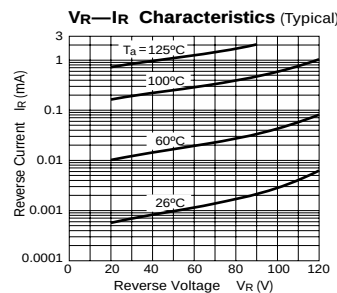
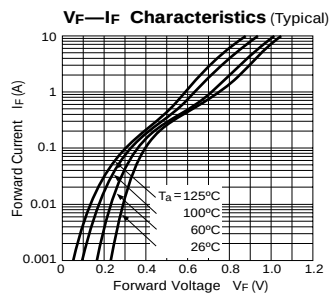
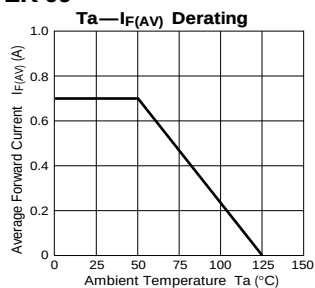
90V 0.7A-3.5A

Parameter Type No.	Absolute Maximum Ratings				Electrical Characteristics (Ta=25°C)						Others							
	V _{RM} (V)	I _F (AV) (A)	I _{FSM} (A) 50Hz Half-cycle Sinewave Single Shot	T _j (°C) Tstg (°C)	V _F (V) max	I _F (A)	I _R (mA) V _R =V _{RM} max	I _R (H) (mA) V _R =V _{RM} Ta=100°C max	t _{rr} (ns) I _F /I _{RP} (mA)	R _{th} (j-ℓ) (°C/W)	Mass (g)	Fig.						
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											2.0	50	2.0	3.0	15	12.0	0.6	Ⓔ
RK 49											3.5	60	3.5	5.0	35	8.0	1.2	Ⓕ

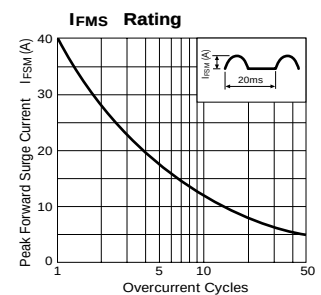
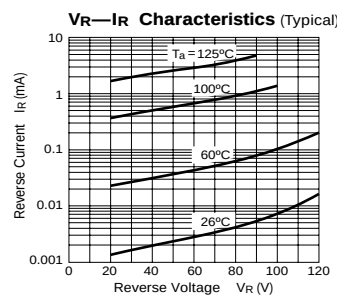
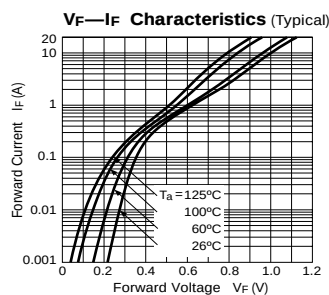
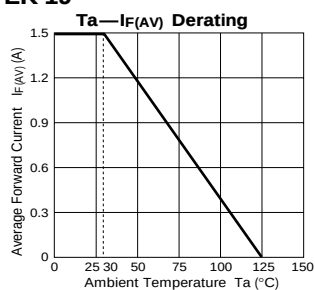
AK 09



EK 09



EK 19



External Dimensions

(Unit: mm)

Flammability:
UL94V-0 or Equivalent

Fig. Ⓐ

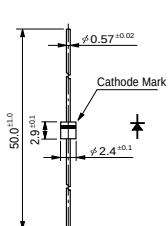


Fig. Ⓑ

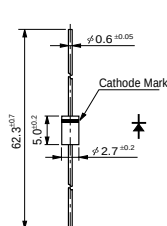


Fig. Ⓒ

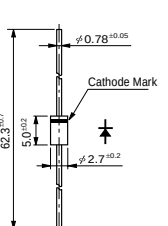


Fig. Ⓓ

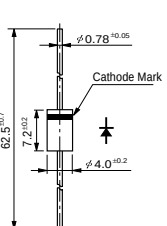


Fig. Ⓔ

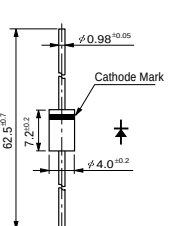


Fig. Ⓕ

