



TAYCHIPST

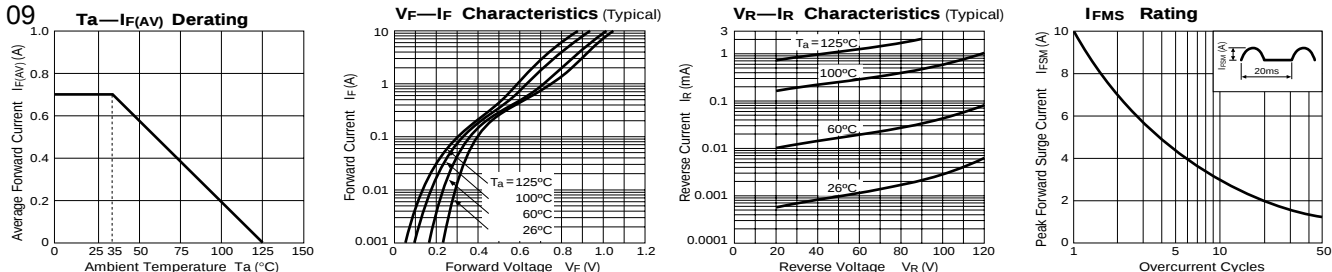
Schottky Barrier Diodes

AK09/EK09/RK19 Series

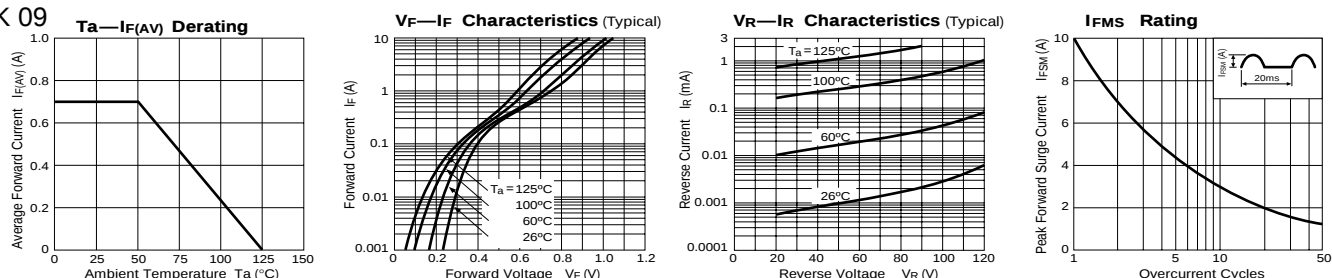
90V 0.7A-3.5A

Parameter Type No.	Absolute Maximum Ratings					Electrical Characteristics (Ta=25°C)						Others		
	V _{RM} (V)	I _{F (AV)} (A)	I _{FSM} (A)	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.
			50Hz Half-cycle Sinewave Single Shot	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						2.0	3.0	15					12.0	0.6
RK 49											8.0	1.2	Ⓕ	

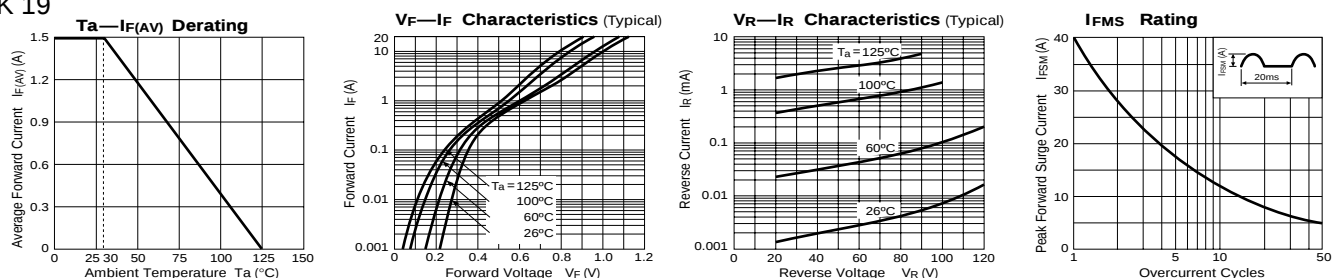
AK 09



EK 09



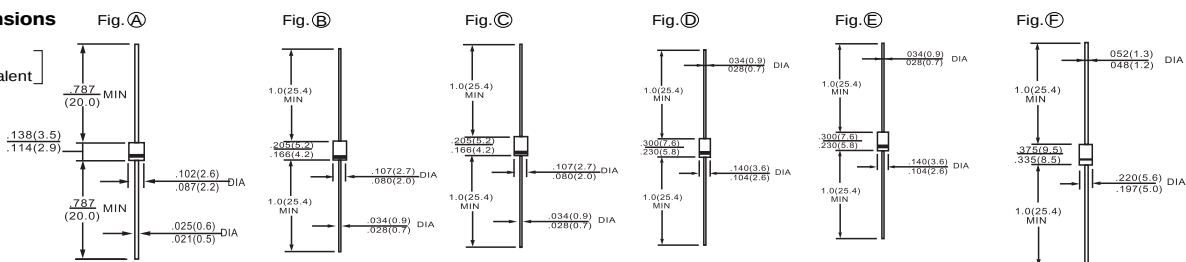
EK 19



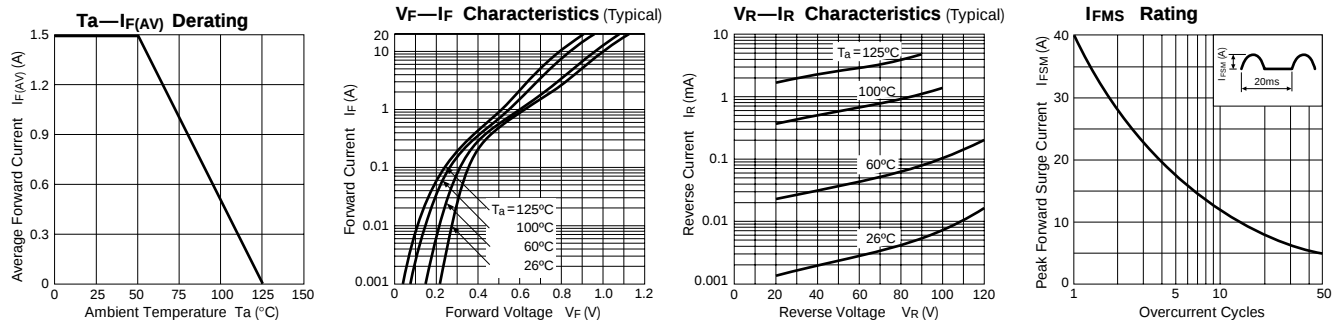
External Dimensions

(Unit: mm)

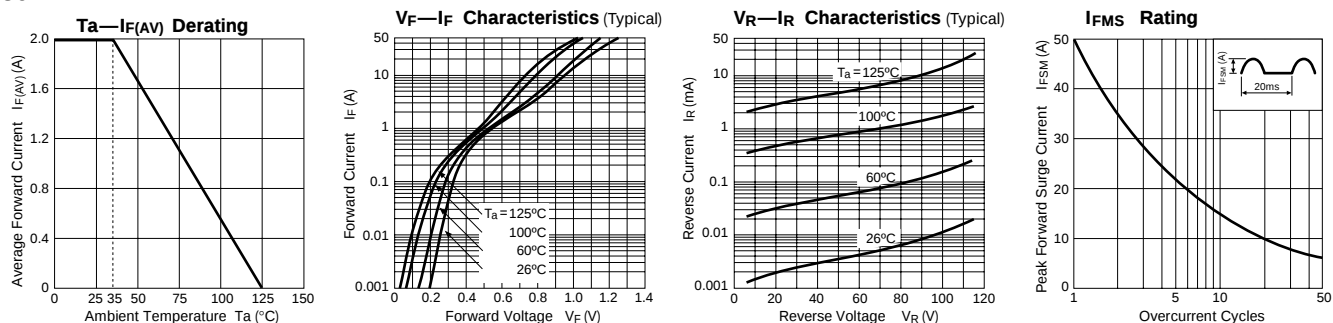
Flammability:
UL94V-0 or Equivalent



RK 19



RK 39



RK 49

