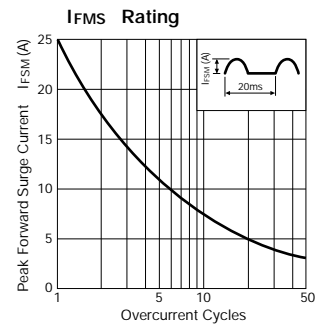
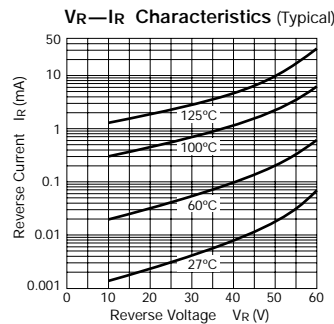
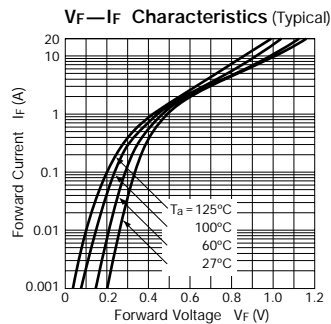
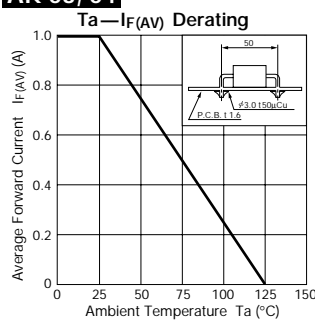


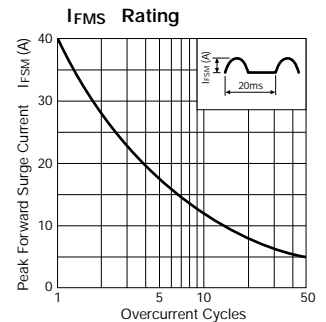
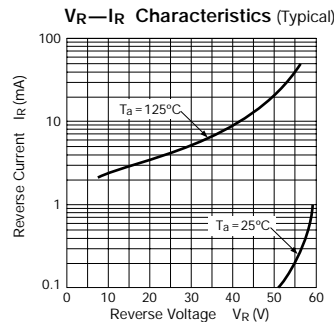
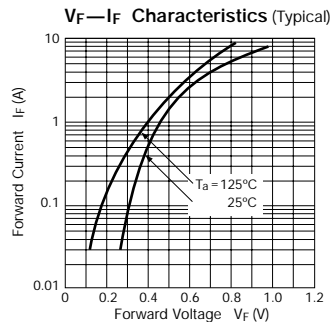
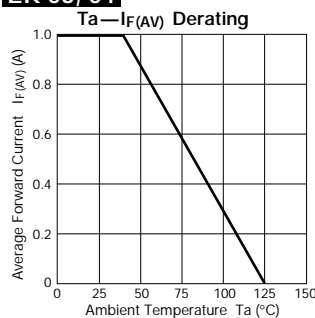
# Schottky Barrier Diodes 30V, 40V

Parameter  Type No.	Absolute Maximum Ratings					Electrical Characteristics (Ta=25°C)							Others	
	V <sub>RM</sub> (V)	I <sub>F</sub> (A) (A)	I <sub>FSM</sub> (A)	T <sub>J</sub> (°C)	T <sub>stg</sub> (°C)	V <sub>F</sub> (V)		I <sub>R</sub> (mA)	I <sub>R</sub> (H) (mA)	t <sub>rr</sub> (ns)		R <sub>th</sub> (j-ℓ)	Mass	Fig
			50Hz Half-cycle Sinewave Single Shot			max	I <sub>F</sub> (A)	V <sub>R</sub> =V <sub>RM</sub> max	V <sub>R</sub> =V <sub>RM</sub> Ta=100°C max		I <sub>F</sub> /I <sub>RP</sub> (mA)	(°C/W)	(g)	
AK 03	30	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	(A)	
EK 03						1.0	5.0	50	200		20.0	0.3	(B)	
EK 13		1.5	40			2.0					17.0	0.3	(C)	
RK 13			1.7			60			100		15.0	0.45	(D)	
RK 33		2.5	50			12.0					0.6	(E)		
RK 43		3.0	80			8.0					1.2	(F)		
AK 04	40	1.0	25			1.0	1.0	50 (T <sub>j</sub> =100°C)	100		22.0	0.13	(A)	
EK 04						1.0	5.0	50	200		20.0	0.3	(B)	
EK 14		1.5	40			2.0					17.0	0.3	(C)	
RK 14			1.7			60			100		15.0	0.45	(D)	
RK 34		2.5	50			12.0					0.6	(E)		
RK 44		3.0	80			8.0					1.2	(F)		

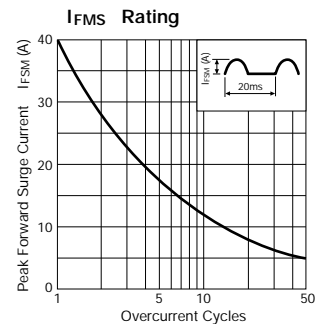
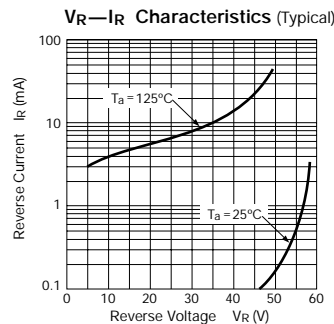
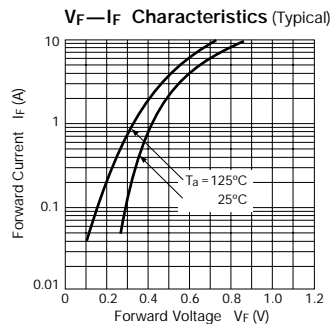
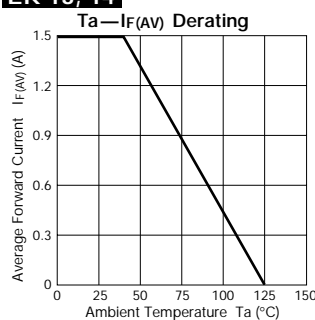
## AK 03, 04



## EK 03, 04



## EK 13, 14



## External Dimensions

(Unit: mm)

Flammability:  
UL94V-0 or Equivalent

Fig. (A)

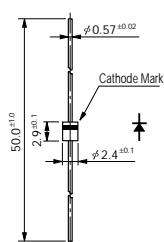


Fig. (B)

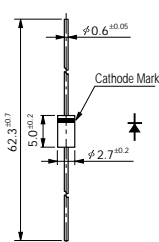


Fig. (C)

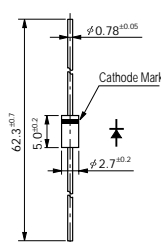


Fig. (D)

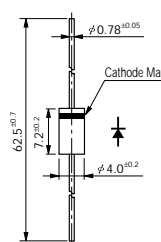


Fig. (E)

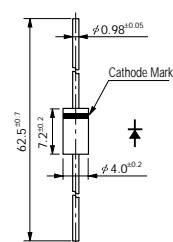
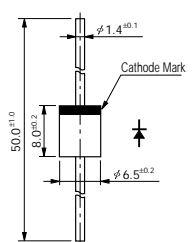
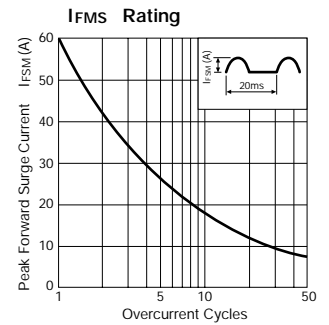
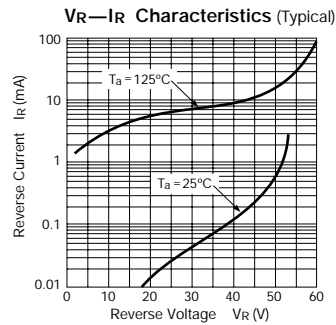
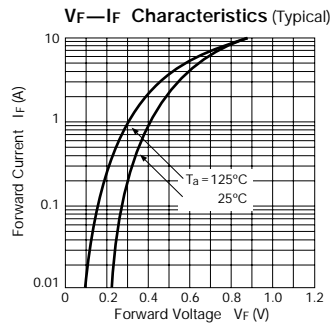
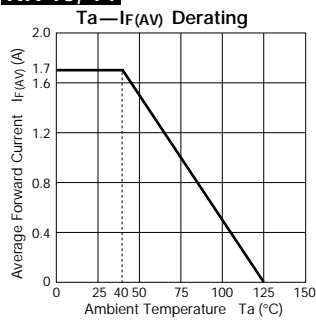


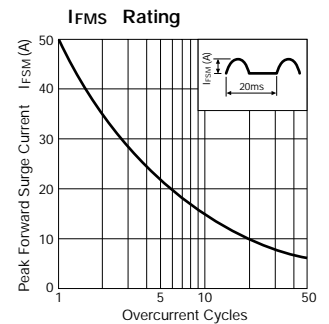
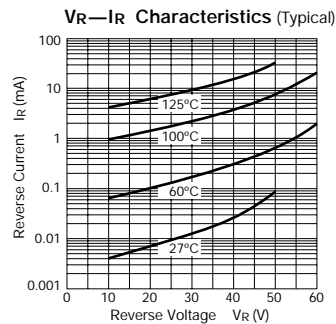
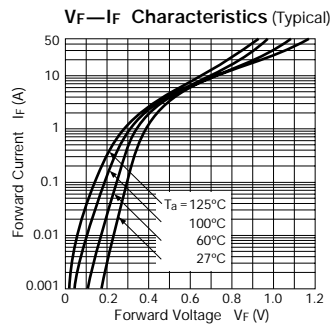
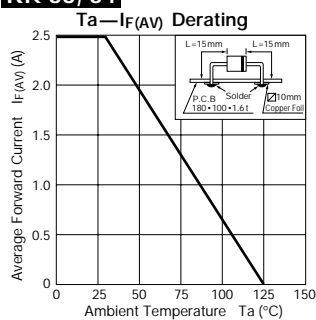
Fig. (F)



### RK 13, 14



### RK 33, 34



### RK 43, 44

