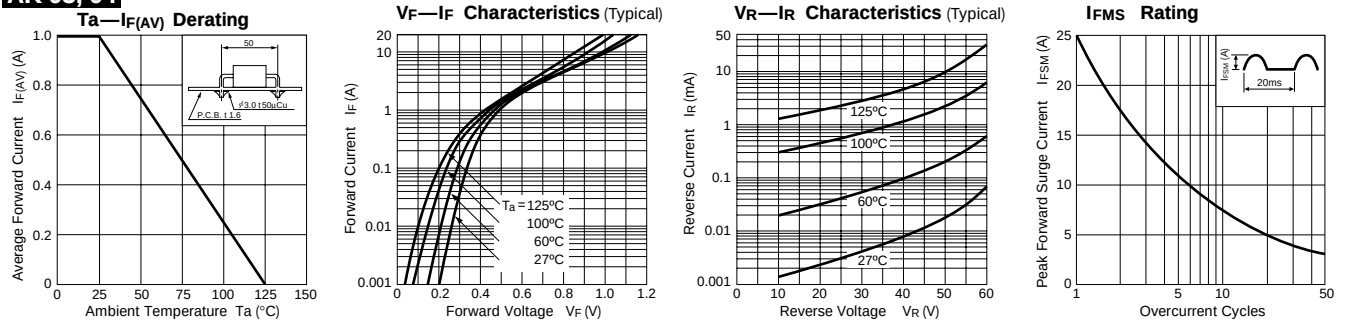


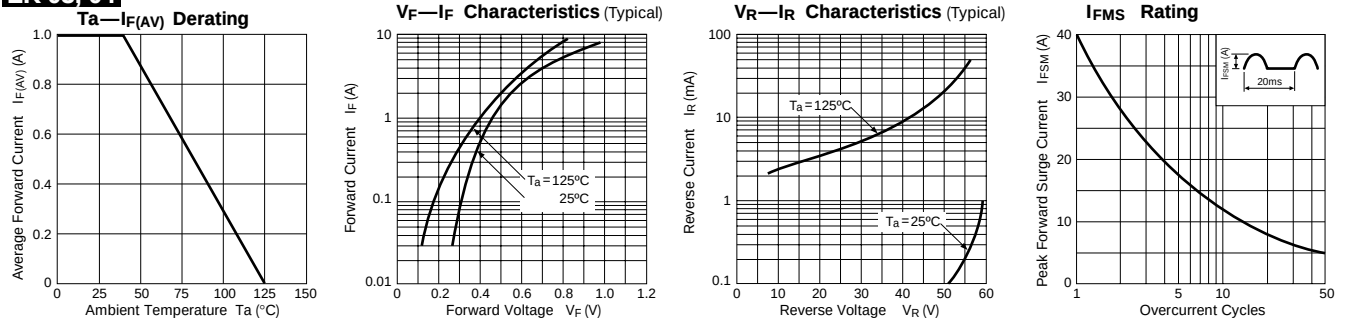
Schottky Barrier Diodes 30V, 40V

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 03	30	1.0	25	-40 to +150	0.55	1.0	1.0	50 (T _J =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					100	17.0	0.3	(C)
RK 13			1.7			60			2.5			15.0	0.45	(D)
RK 33		2.5	50			3.0			12.0		0.6	(E)		
RK 43		3.0	80			3.0			8.0		1.2	(F)		
AK 04	40	1.0	25			1.0	1.0	50 (T _J =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					100	17.0	0.3	(C)
RK 14			1.7			60			2.5			15.0	0.45	(D)
RK 34		2.5	50			3.0			12.0		0.6	(E)		
RK 44		3.0	80			3.0			8.0		1.2	(F)		

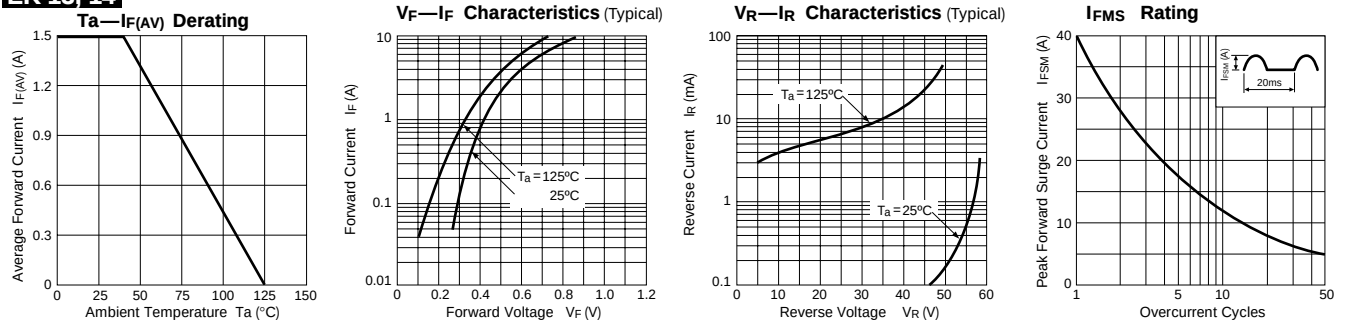
AK 03, 04



EK 03, 04

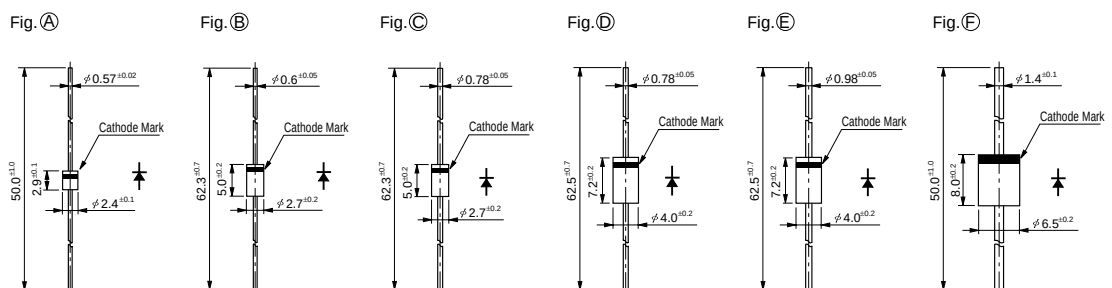


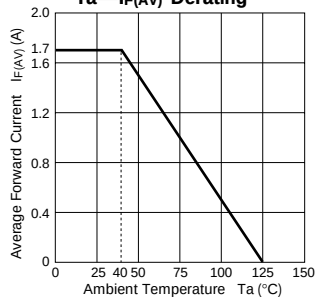
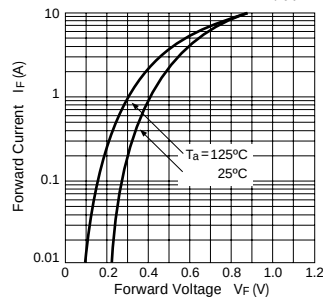
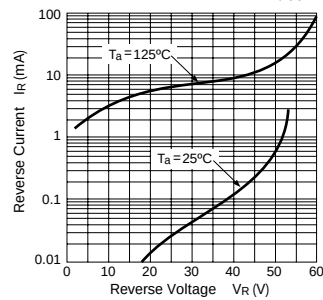
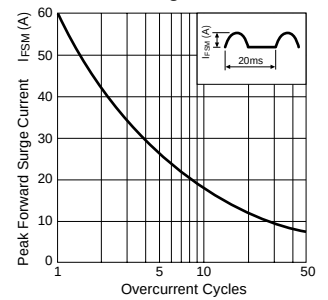
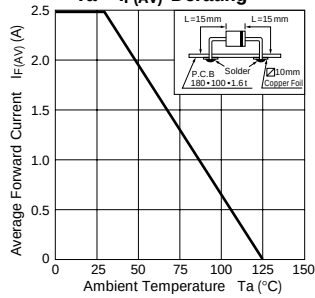
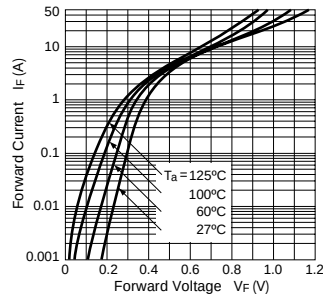
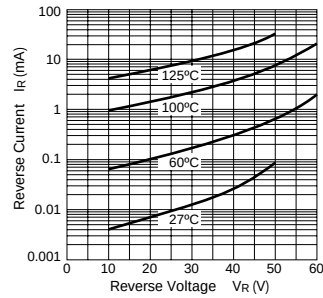
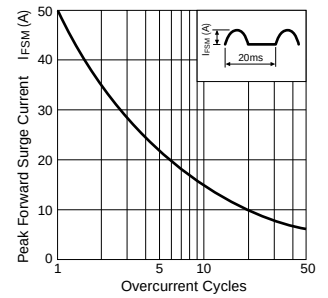
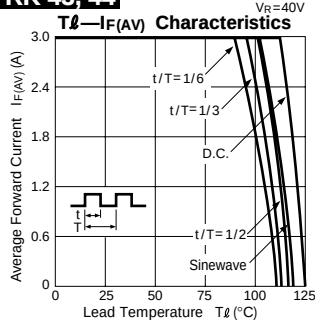
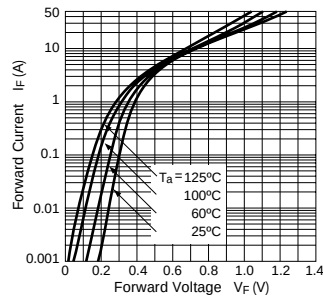
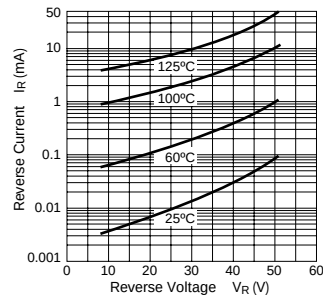
EK 13, 14



External Dimensions (Unit: mm)

Flammability:
UL94V-0 or Equivalent



RK 13, 14**Ta—If(AV) Derating****V_F—I_F Characteristics (Typical)****V_R—I_R Characteristics (Typical)****I_{FMS} Rating****RK 33, 34****Ta—If(AV) Derating****V_F—I_F Characteristics (Typical)****V_R—I_R Characteristics (Typical)****I_{FMS} Rating****RK 43, 44****T_l—I_F(AV) Characteristics****V_F—I_F Characteristics (Typical)****V_R—I_R Characteristics (Typical)****I_{FMS} Derating**