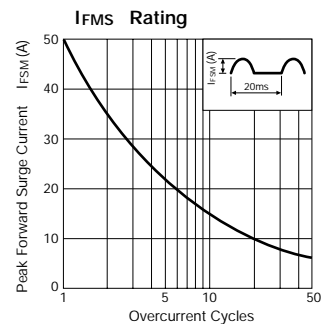


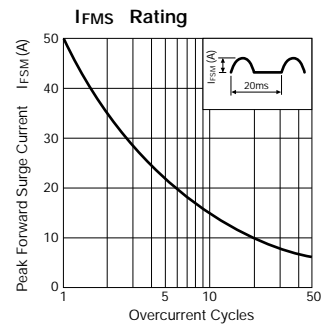
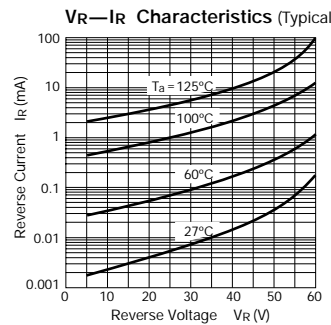
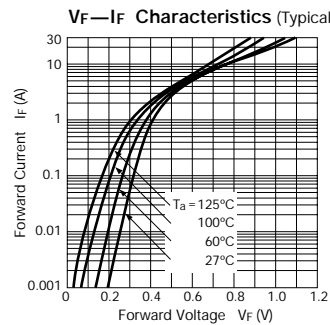
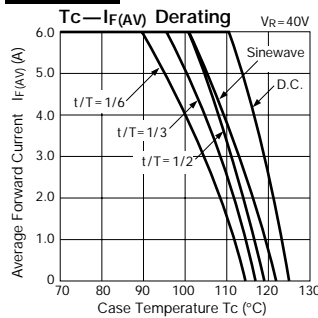
# Schottky Barrier Diodes (Power Surface Mount) 30V, 40V, 60V

Parameter Type No.	Absolute Maximum Ratings					Electrical Characteristics (Ta=25°C)						Others								
	V <sub>RM</sub> (V)	I <sub>F(AV)</sub> (A)	I <sub>FSM</sub> (A) 50Hz Half-cycle Sinewave Single Shot	T <sub>J</sub> (°C)	T <sub>stg</sub> (°C)	V <sub>F</sub> (V) max per element	I <sub>R</sub> (mA)	I <sub>R(H)</sub> (mA) V <sub>R</sub> =V <sub>RM</sub> , Ta=100°C max per element	t <sub>rr</sub> (ns)	R <sub>th(j-c)</sub> (°C/W)	Mass (g)	Remarks	Fig.							
														I <sub>F</sub> (A)	V <sub>R</sub> =V <sub>RM</sub> max per element	V <sub>R</sub> =V <sub>RM</sub> , Ta=100°C max per element	I <sub>F</sub> /I <sub>RP</sub> (mA)			
SPJ-63S	30	6.0	50	-40 to +150		0.45	3.0	30 (T <sub>J</sub> =125°C)	—	—	5.0	0.29	Center-tap	Ⓐ						
SPB-64S	40	6.0				0.55									3.0	3.5	50	100/100	5.0	
SPB-G34S		3.0	0.55			5.0	5.0													
SPB-G54S		5.0	0.6			7.5	0.75	50 (T <sub>J</sub> =150°C)	—	—			2.5		1.04	Center-tap				Ⓑ
MPE-24H		15.0	100			0.7	5.0	3.0	50	100/100			5.0		0.29	1 Chip				Ⓐ
SPB-G56S	60	6.0	60																	

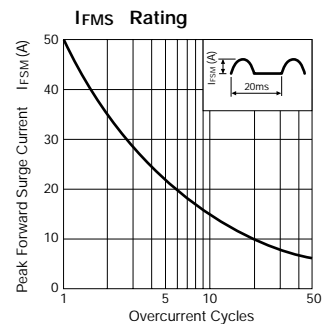
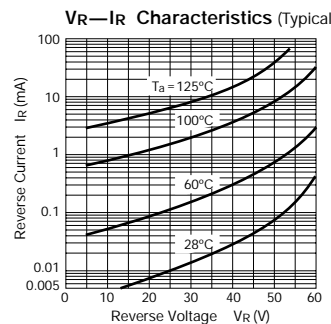
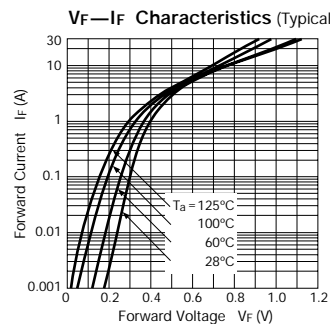
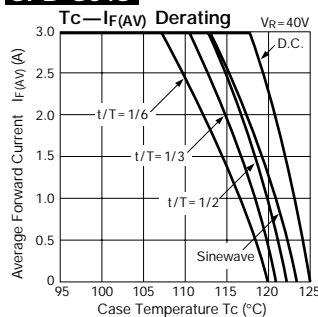
## SPJ-63S



## SPB-64S

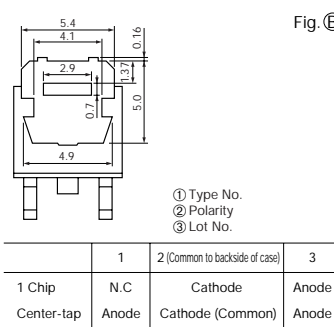
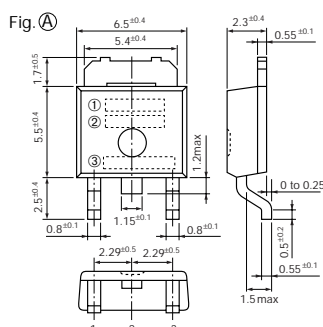


## SPB-G34S



## External Dimensions (Unit: mm)

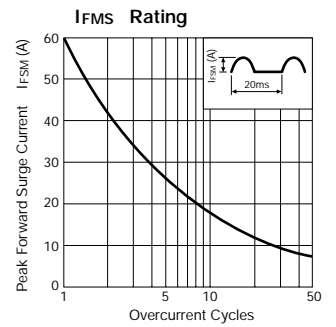
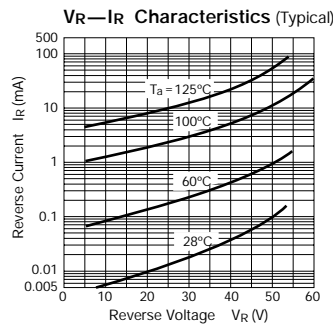
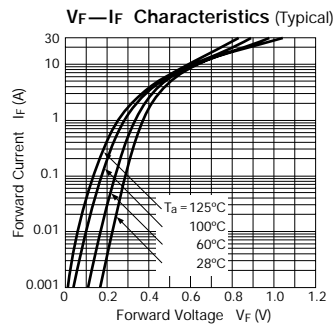
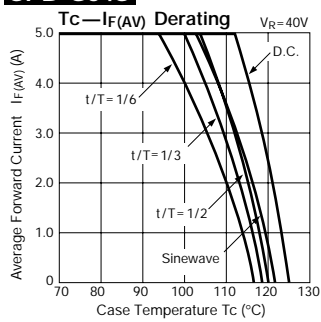
Flammability:  
UL94V-0 or Equivalent



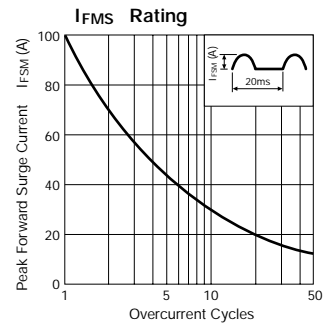
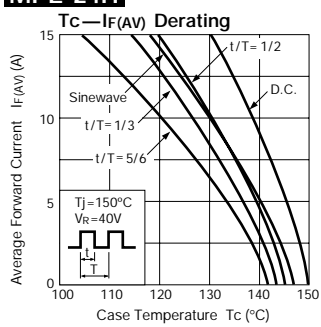
- ① Type No.
- ② Polarity
- ③ Lot No.

	1	2 (Common to backside of case)	3
1 Chip	N.C	Cathode	Anode
Center-tap	Anode	Cathode (Common)	Anode

**SPB-G54S**



**MPE-24H**



**SPB-G56S**

