

肖特基整流器

以鉬金屬壁障而構成肖特基，特別適合低電壓、高頻整流器、交換式電源、充電器及一些極性保護電路

特性

- * 低順向電壓
- * 低噪音
- * 高電流流量
- * 安全逆向崩潰保護
- * 強化保護環結構
- * 低功率損失及高效能
- * 150°C 結點溫度
- * 低貯存電荷量
- * 94V-O等級塑封材質

* 符合 EU RoHs 2002/95/EC 無鉛認證



打印方式為加M於型號之後、如SR302M~SR306M

最大額定值

電性特性	符號	SR					單位
		302	303	304	305	306	
反向重覆峰值電壓 反向工作電壓 直流反向電壓	V_{RRM} V_{RWM} V_R	20	30	40	50	60	V
平均反向電壓	$V_{R(RMS)}$	14	21	28	35	42	V
平均整流輸出電流	I_O	3.0					A
非重覆湧浪電流 (單相,60Hz)	I_{FSM}	75					A
通電操作狀態下、芯片界面可工作溫度範圍 貯存環境溫度(1)	T_J T_{STG}	-65 to +150 20~35 °C、30%~60% RH					°C

(1)保存期：一年

電性特性

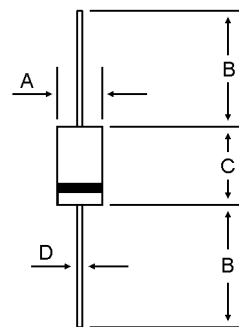
特 性	符號	SR					單位
		302	303	304	305	306	
順向連續峰值電壓 ($I_F = 3.0$ Amp)	V_F	0.550			0.700		V
反向連續峰值電流 (額定值電壓, $T_C = 25^{\circ}C$) (額定值電壓, $T_C = 125^{\circ}C$)	I_R	0.5 20					mA
結合面電容量(典型值) (反向4V電壓 & $f=1$ MHz)	C_P	210			190		pF

肖特基二極管

3.0 安培
20-60 伏特



DO-201AD



DIM	MILLIMETERS	
	MIN	MAX
A	5.00	5.60
B	25.40	---
C	7.20	9.50
D	1.20	1.30

封裝：
塑料封裝

極性：
陽極帶狀環繞
於本體

SR302 Thru SR306

FIG-1 順向電流降額曲線

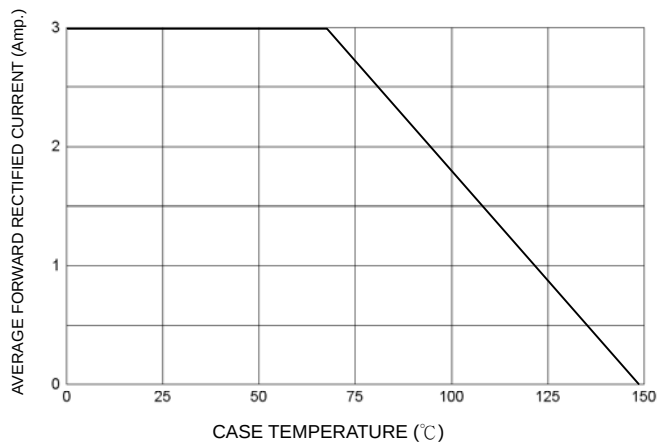


FIG-2 順向電壓曲線(典型值)

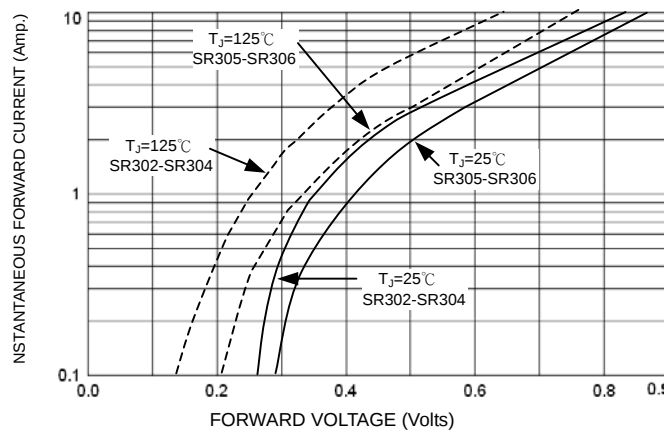


FIG-3 反向電流曲線(典型值)

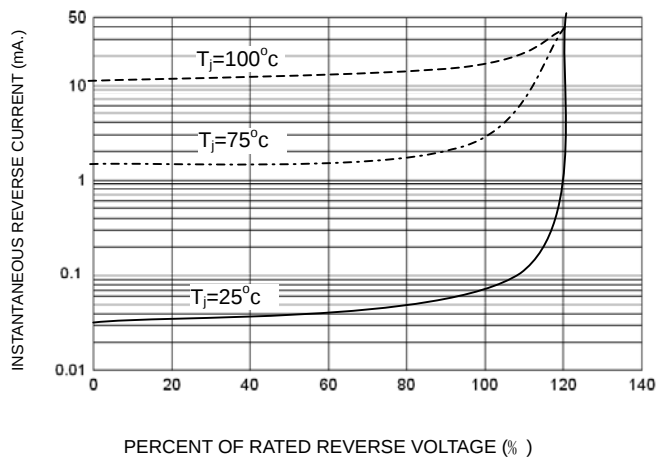


FIG-4 結合電容曲線(典型值)

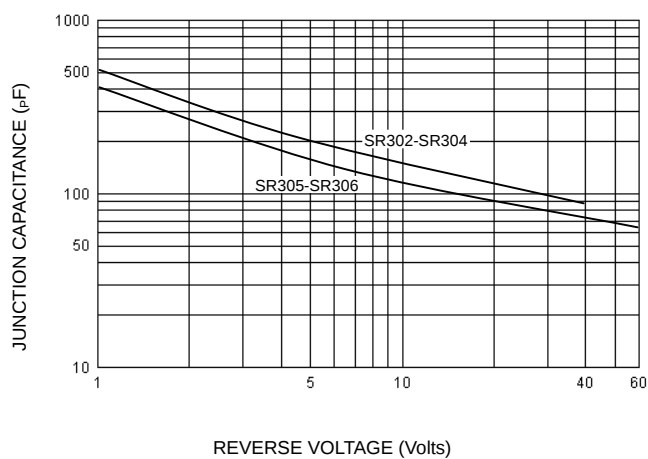
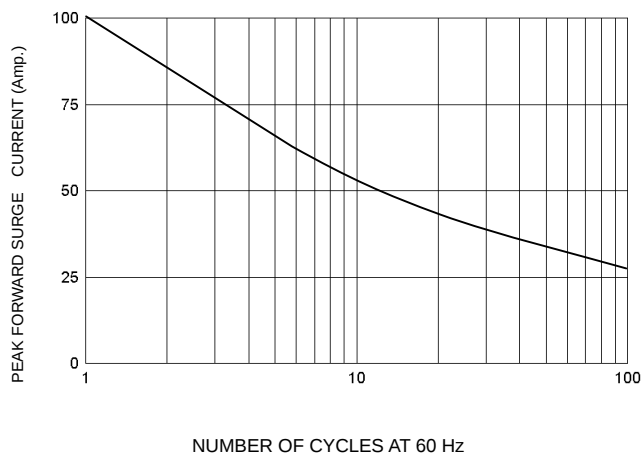


FIG-5 順向峰值湧浪電流曲線



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