


SCHOTTKY BARRIER DIODE		SOD-523 Plastic-Encapsulate Diode			
<p><u>SOD-523</u></p>  <p>Marking :S4</p>		<p>Features</p> <p>Collector current I_F: 0.35 A</p> <p>Collector-base voltage V_R: 40 V</p> <p>Operating and storage junction temperature range T_J, T_{stg}: -55°C to +150°C</p>			
ELECTRICAL CHARACTERISTICS (Tamb=25°C unless otherwise specified)					
Parameter	Symbol	Test conditions	MIN	MAX	UNIT
Reverse breakdown voltage	$V_{(BR)}$	$I_R = 1\text{mA}$	40		V
Reverse voltage leakage current	I_R	$V_R = 40\text{V}$		0.035	mA
Forward voltage	V_F	$I_F = 0.1\text{A}$ $I_F = 0.35\text{A}$		0.45 0.6	V
Diode capacitance	C_D	$V_R = 4\text{V}, f = 1\text{MHz}$		120	pF

Typical Characteristics

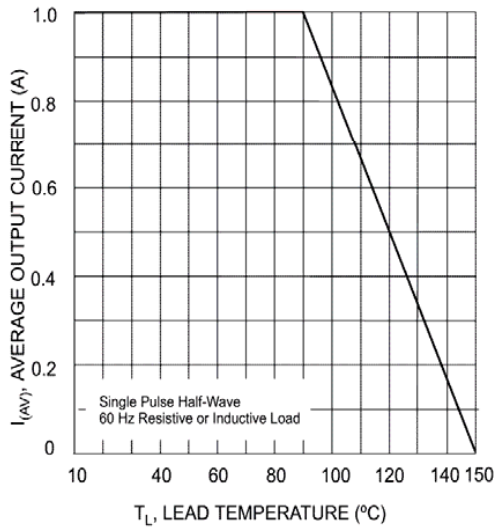


Fig. 1 Forward Current Derating Curve

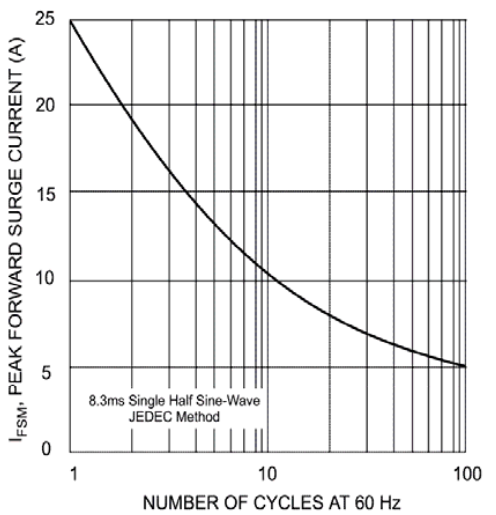
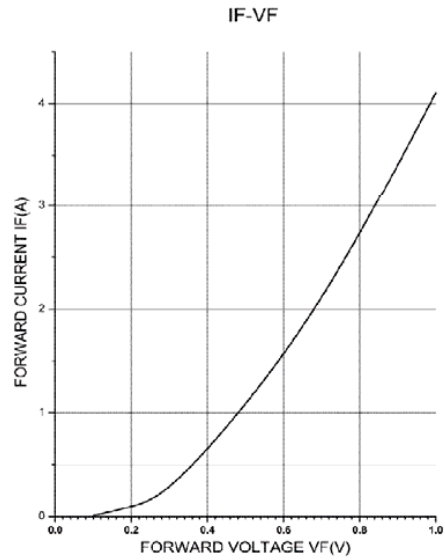


Fig. 3 Maximum Non-Repetitive Peak Fwd Surge Current

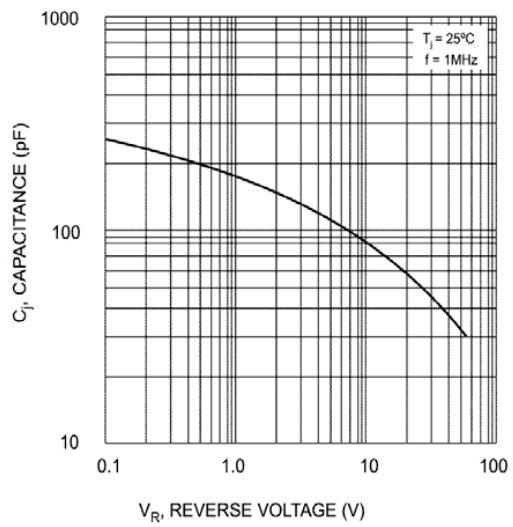


Fig. 4 Typical Junction Capacitance

单击下面可查看定价，库存，交付和生命周期等信息

[>>DIOS\(迪恩思\)](#)