

● Electrical Characteristics (Ta=25°C Unless otherwise noted)

PARAMETER	TEST CONDITIONS	SYMBOL	UNIT	ES2AB	ES2BB	ES2CB	ES2DB	ES2EB	ES2GB	ES2JB
Maximum instantaneous forward voltage	I _F =2.0A	V _F	V	1.0				1.3		1.7
Maximum reverse recovery time	I _F =0.5A,I _R =1.0A,I _{rr} =0.25A	T _{rr}	ns	35						
Maximum DC reverse currentat rated DC blocking voltage	V _R =V _{DC} , T _A =25°C	I _{R1}	μA	2.0						
	V _R =V _{DC} , T _A =125°C	I _{R2}		200						
Typical junction capacitance	4.0V DC,1MHz	C _J	pF	55						

● Ratings And Characteristics Curves (Ta=25°C Unless otherwise specified)

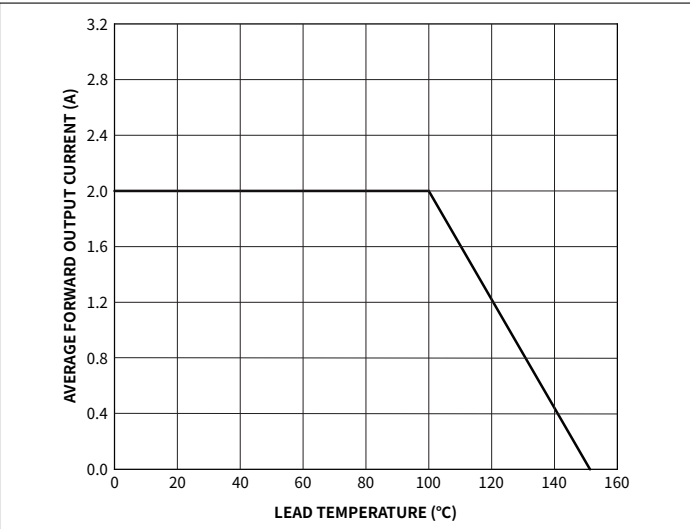


Fig.1 Forward Current Derating Curve

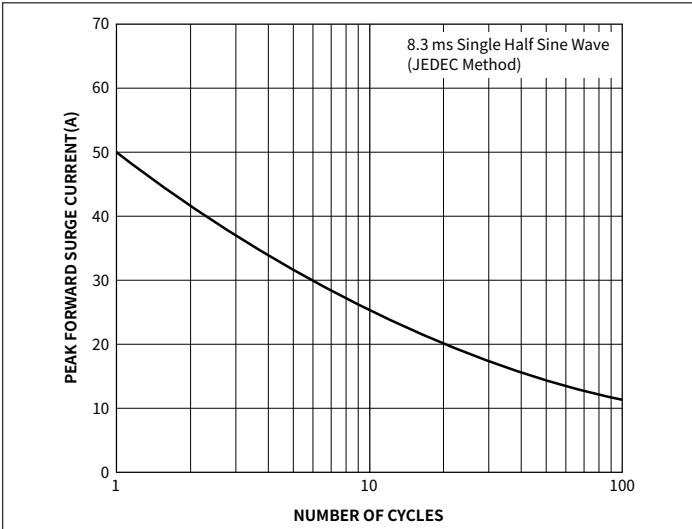


Fig.2 Maximum Non-Repetitive Peak Forward Surge Current

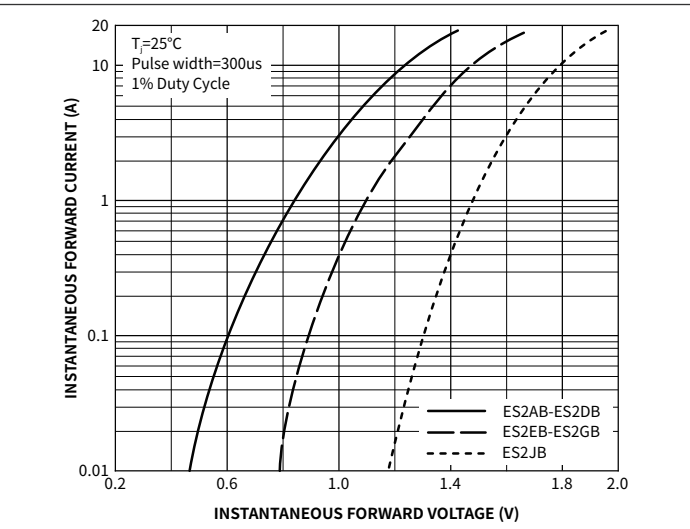


Fig.3 Typical Forward Voltage

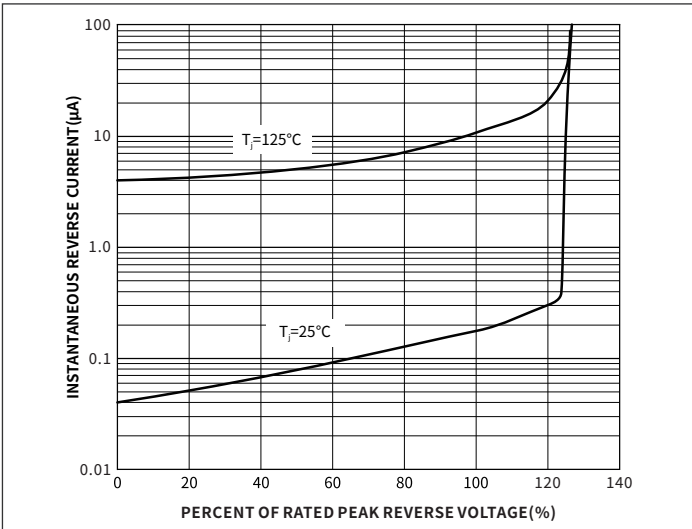


Fig.4 Typical Reverse Characteristics

Ordering Information

Table with 7 columns: PACKAGE, PACKAGE CODE, UNIT WEIGHT(g), REEL(pcs), BOX(pcs), CARTON(pcs), DELIVERY MODE. Row 1: SMB, R3, 0.098, 3000, 6000, 48000, 13"

Package Outline Dimensions (SMB/DO-214AA)

Diagram of package outline with dimensions A-H and Cathode Band label. Table of dimensions in Millimeters and Inches.

Suggested Pad Layout

Diagram of suggested pad layout with dimensions J, K, M. Table of dimensions in Millimeters and Inches.