

Electrical Characteristics @ 25°C (Unless Otherwise Specified)

ESDLC3V3D3B

Parameter	Symbol	Conditions	Min.	Typ.	Max.	Units
Reverse Working Voltage	V_{RWM}				3.3	V
Reverse Breakdown Voltage	V_{BR}	$I_T = 1mA$	4			V
Reverse Leakage Current	I_R	$V_{RWM} = 3.3V$			1	μA
Peak Pulse Current	I_{PP}	$t_p = 8/20\mu s$			28	A
Clamping Voltage	V_C	$I_{PP} = 1A, t_p = 8/20\mu s$			7	V
Clamping Voltage	V_C	$I_{PP} = 28A, t_p = 8/20\mu s$			36	V
Junction Capacitance	C_J	$V_R = 0V, f = 1MHz$		4.5		pF

ESDLC5V0D3B

Parameter	Symbol	Conditions	Min.	Typ.	Max.	Units
Reverse Working Voltage	V_{RWM}				5	V
Reverse Breakdown Voltage	V_{BR}	$I_T = 1mA$	6			V
Reverse Leakage Current	I_R	$V_{RWM} = 5V$			1	μA
Peak Pulse Current	I_{PP}	$t_p = 8/20\mu s$			21	A
Clamping Voltage	V_C	$I_{PP} = 1A, t_p = 8/20\mu s$			9.8	V
Clamping Voltage	V_C	$I_{PP} = 21A, t_p = 8/20\mu s$			32	V
Junction Capacitance	C_J	$V_R = 0V, f = 1MHz$		5		pF

ESDLC12VD3B

Parameter	Symbol	Conditions	Min.	Typ.	Max.	Units
Reverse Working Voltage	V_{RWM}				12	V
Reverse Breakdown Voltage	V_{BR}	$I_T = 1mA$	13.3			V
Reverse Leakage Current	I_R	$V_{RWM} = 12V$			1	μA
Peak Pulse Current	I_{PP}	$t_p = 8/20\mu s$			11	A
Clamping Voltage	V_C	$I_{PP} = 1A, t_p = 8/20\mu s$			19	V
Clamping Voltage	V_C	$I_{PP} = 11A, t_p = 8/20\mu s$			28.6	V
Junction Capacitance	C_J	$V_R = 0V, f = 1MHz$		3		pF

Curve Characteristics

Fig. 1 - 8 X 20 μ s Pulse Waveform

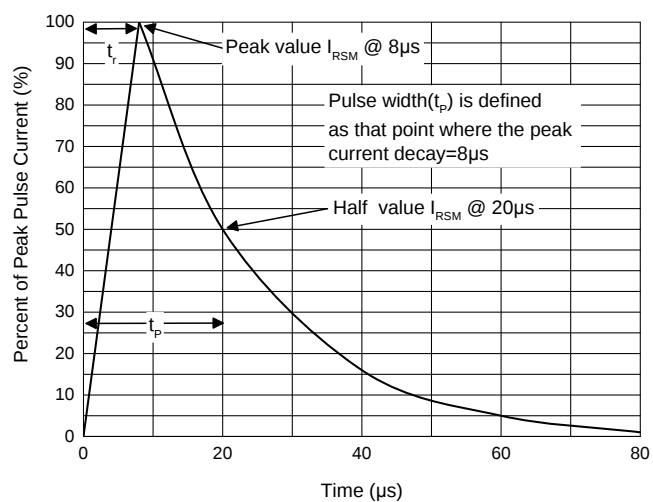
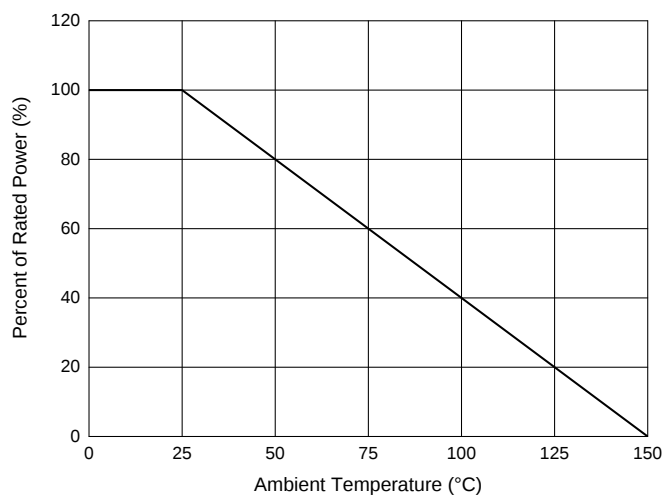


Fig. 2 - Pulse Derating Curve



Ordering Information

Device	Packing
Part Number-TP	Tape&Reel: 3Kpcs/Reel

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