



CeraDiodes

Symbols and terms

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Symbols and terms

CeraDiode	Semiconductor diode	
$C_{\max}$		Maximum capacitance
C_{typ}		Typical capacitance
I_{BR}	$I_{\text{R}}, I_{\text{T}}$	(Reverse) current @ breakdown voltage
I_{leak}	I_{RM}	(Reverse) leakage current
I_{PP}	$I_{\text{P}}, I_{\text{PP}}$	Current @ clamping voltage; peak pulse current
P_{PP}	P_{PP}	Peak pulse power
T_{op}		Operating temperature
T_{stg}		Storage temperature
V_{BR}	V_{BR}	(Reverse) breakdown voltage
$V_{\text{BR,min}}$		Minimum breakdown voltage
V_{clamp}	$V_{\text{cl}}, V_{\text{C}}$	Clamping voltage
$V_{\text{clamp,max}}$		Maximum clamping voltage
V_{DC}	$V_{\text{RM}}, V_{\text{RWM}}, V_{\text{WM}}, V_{\text{DC}}$	(Reverse) stand-off voltage, working voltage, operating voltage
$V_{\text{DC,max}}$		Maximum DC operating voltage
$V_{\text{ESD,air}}$		Air discharge ESD capability
$V_{\text{ESD,contact}}$		Contact discharge ESD capability
V_{leak}	$V_{\text{RM}}, V_{\text{RWM}}, V_{\text{WM}}, V_{\text{DC}}$	(Reverse) voltage @ leakage current
- *)	I_{F}	Current @ forward voltage
- *)	$I_{\text{RM}}, I_{\text{RM,max@}V_{\text{RM}}}$	(Reverse) current @ maximum reverse stand-off voltage, working voltage, operating voltage
- *)	V_{F}	Forward voltage

*) Not applicable due to bidirectional characteristics of CeraDiodes