

# **CeraDiodes**

## Symbols and terms

Date: July 2014

## Symbols and terms

CeraDiode	Semiconductor diode	
$C_{max}$		Maximum capacitance
$C_{typ}$		Typical capacitance
$I_{BR}$	$I_R, I_T$	(Reverse) current @ breakdown voltage
$I_{leak}$	$I_{RM}$	(Reverse) leakage current
$I_{PP}$	$I_P, I_{PP}$	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
$V_{BR,min}$		Minimum breakdown voltage
$V_{clamp}$	$V_{cl}, V_C$	Clamping voltage
$V_{clamp,max}$		Maximum clamping voltage
$V_{DC}$	$V_{RM}, V_{RWM}, V_{WM}, V_{DC}$	(Reverse) stand-off voltage, working voltage, operating voltage
$V_{DC,max}$		Maximum DC operating voltage
$V_{ESD,air}$		Air discharge ESD capability
$V_{ESD,contact}$		Contact discharge ESD capability
$V_{leak}$	$V_{RM}, V_{RWM}, V_{WM}, V_{DC}$	(Reverse) voltage @ leakage current
- *)	$I_F$	Current @ forward voltage
- *)	$I_{RM}, I_{RM,max}@V_{RM}$	(Reverse) current @ maximum reverse stand-off voltage, working voltage, operating voltage
- *)	$V_F$	Forward voltage

\*) Not applicable due to bidirectional characteristics of CeraDiodes