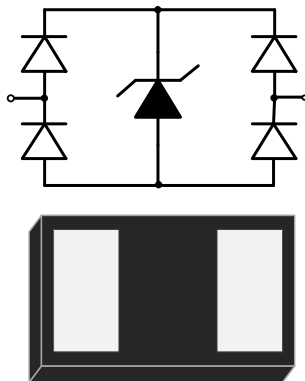


s)

" Ultra-low capacitance: C

 $C_j = 0.35\text{pF typ}$ " Ultra-low leakage current: $I_R < 1\text{nA typ}$ " Low clamping voltage: $V_{CL} = 14\text{V typ. @ } I_{PP} = 16\text{A}$
(TLP)

" Solid-state silicon technology

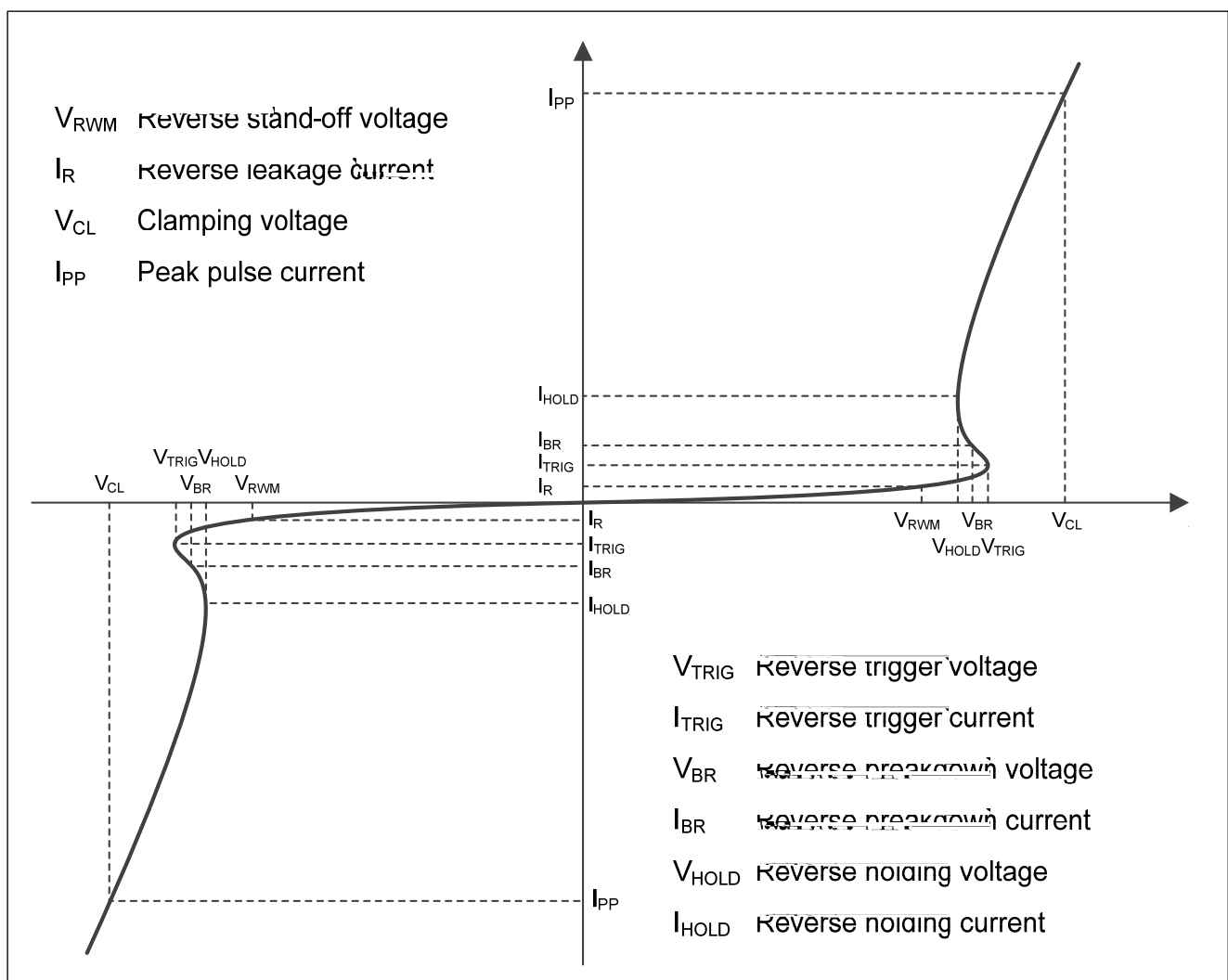
Mechanical Data

" Package : DFN0603-2L

" Terminals : Tin plated leads, solderable per
J-STD-002 and JESD22-B102

" Polarity: Cathode line denotes the cathode end

" Marking: U5

Definitions of Electrical Characteristics

ESDULC5V0LZB

Maximum Ratings

PARAMETER	SYMBOL	Rating	UNIT
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Peak pulse power ($t_p = 8/20$)

v Characteristics (Typical)

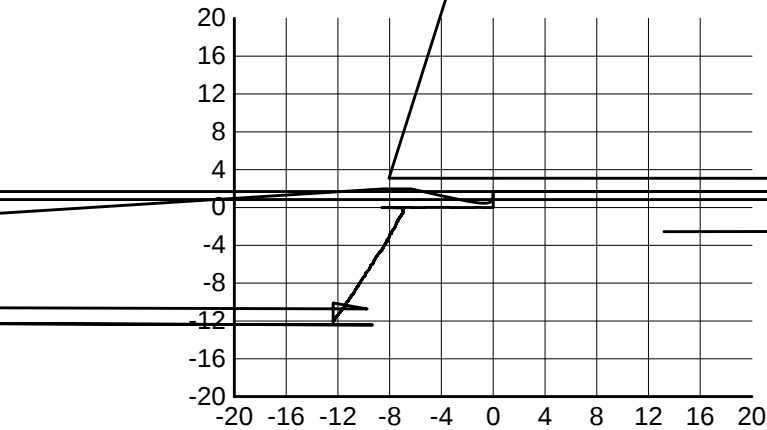
8/20 μ s waveform per IEC61000 4 5

ESDULC5V0LZB

ESD clamping
(+8kV contact discharge per IEC61000 # 2)

ESD clamping
(8kV contact discharge per IEC61000 # 2)

TLP Measurement



vOutline Dimensions



6 \ P E R O	P L Q	P P	0 D	P P
\$				
%				
&				
&				
(				
)				
*				

ESDULC5V0LZB

Recommend Land Pattern (Unit:mm)

Notes:

This recommended land pattern is for reference purposes only. Please consult your manufacturing group to ensure your PCB design guidelines are met

Disclaimer

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