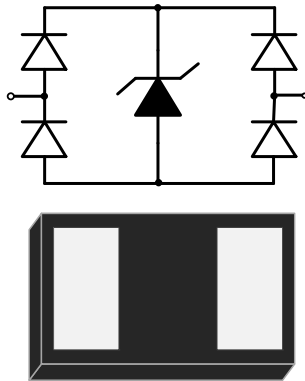


s)

” Ultra-low capacitance: C



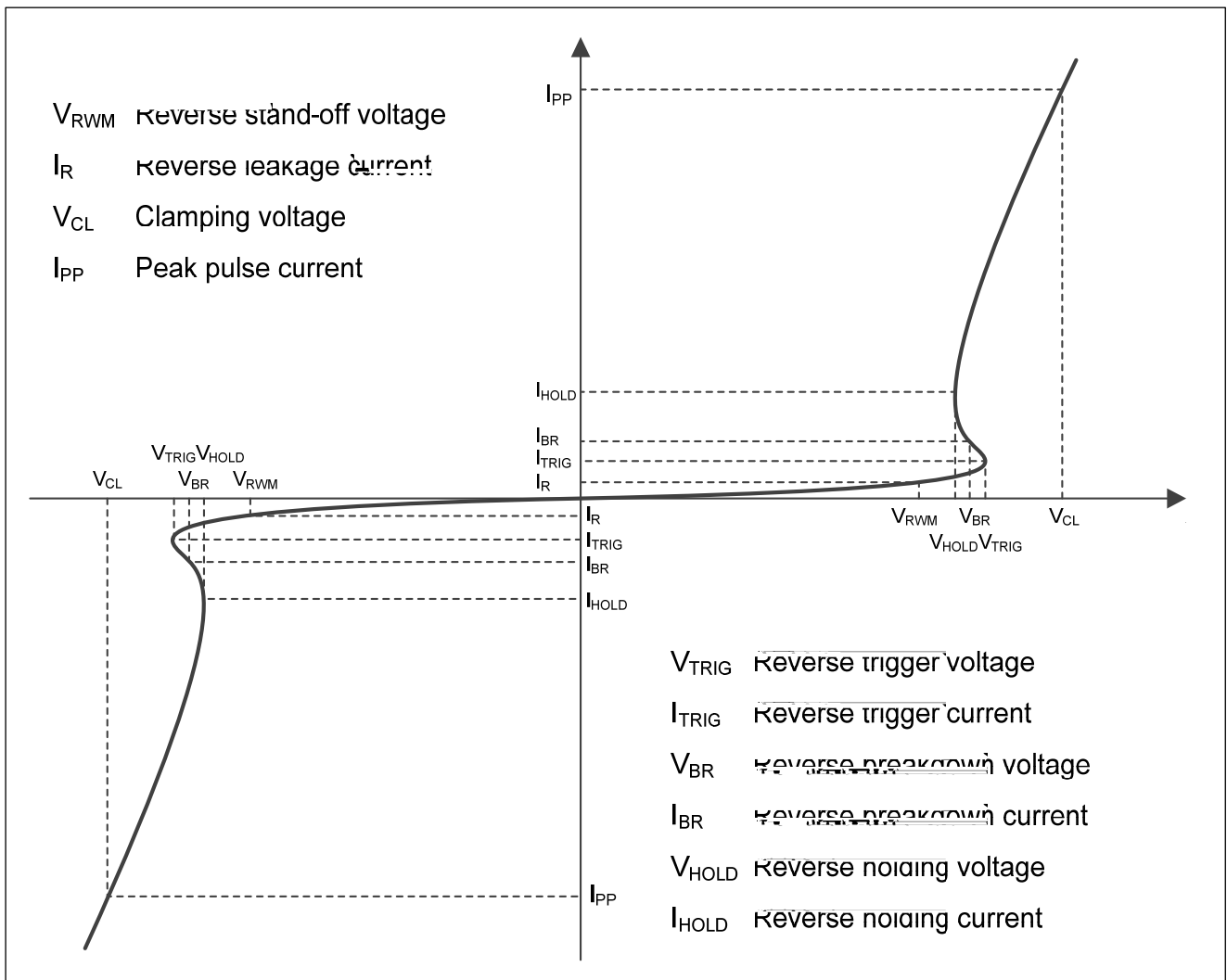
$J = 0.35\text{pF typ}$

- ” 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 ($t_p = 8/20$)

ESDULC5V0LZB

vCharacteristics (Typical)

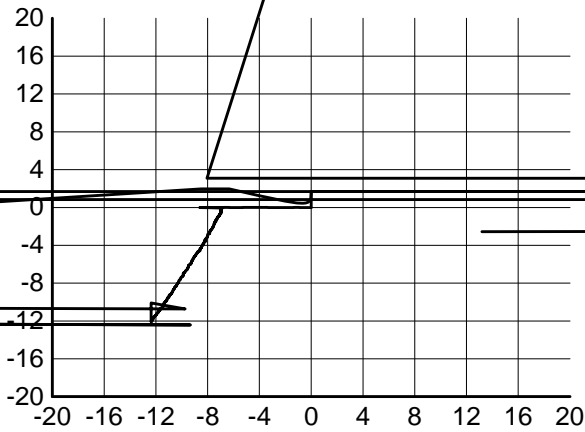
8/20 μ s waveform per IEC61000 # 5

ESDULC5V0LZB

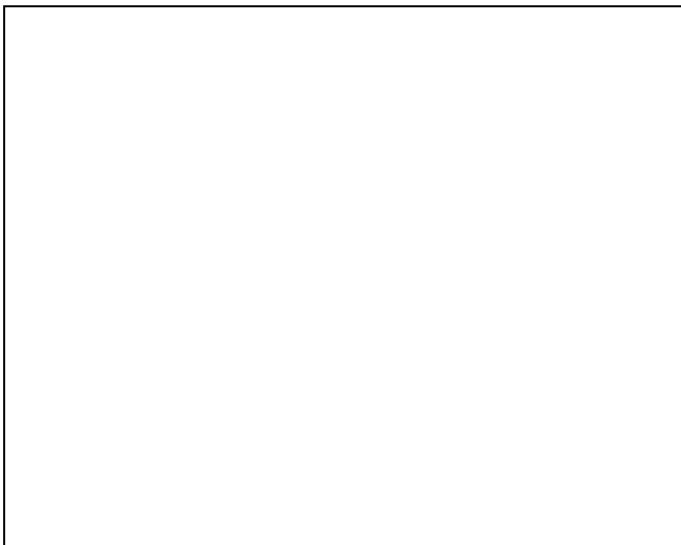
ESD clamping
(+8kV contact discharge per IEC61000 # 2)

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

TLP Measurement



vOutline Dimensions



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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

ESDULC5V0LZB

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