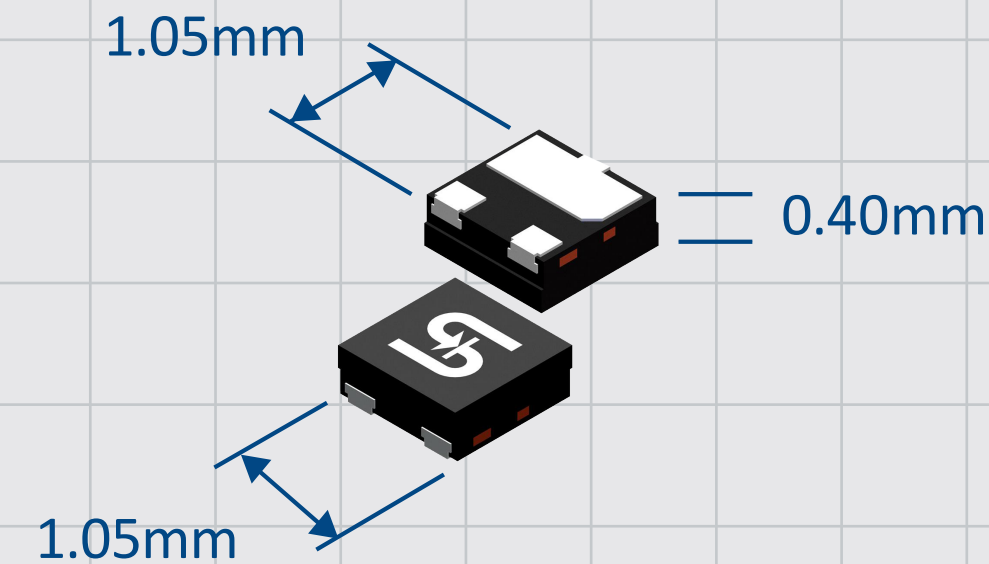


Automotive Uni-directional ESD in DFN1010-3LW

ESD diodes in the DFN1010-3LW package provide a compact, low-profile, and high-performance protection solution for next-generation electronic designs. Compared with traditional SOT-23 packages, DFN1010-3LW reduces PCB footprint and package height, enabling thinner, higher-density designs.

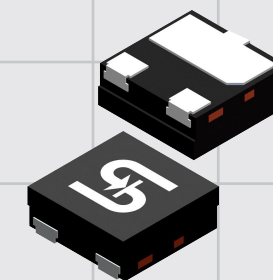
Its compact, leadless structure allows placement closer to connectors or protected ICs, improving ESD current diversion, layout flexibility, SMT assembly stability, and product reliability. Overall, DFN1010-3LW offers a space-saving and upgraded protection solution for compact, high-reliability applications.

PACKAGE



SOT-23

SOT-23 Alternative:
86% PCB space reduction
64% height reduction.

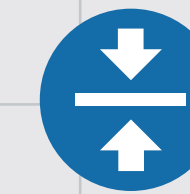


DFN1010-3LW

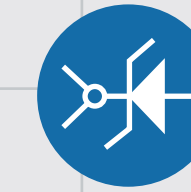
FEATURES



AUTOMOTIVE
QUALIFIED
AEC-Q101



ULTRA SMALL PACKAGES
SAVE BOARD SPACE



ESD PROTECTION FOR 2 LINES WITH UNI-DIRECTIONAL



ESD PROTECTION TO
IEC 61000-4-2 / 4-4 / 4-5

APPLICATIONS



PORTABLE
MEDICAL DEVICES



MOBILE
POS



SMARTPHONES



AUTOMOTIVE

SPECIFICATION

Part number	V _{wm} (V)	C _J (pF) Max.	ESD Robustness (IEC61000-4-2) (kV)	IPPM at tp =8/20μs (A)
TESDA13VU1052Q3	13	105	30	1.9
TESDA22VU40P2Q3	22	40		4.2
TESDA22VU60P2Q3	22	60		1.0
TESDA26VU55P2Q3	26	55		0.8



Official Website



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LinkedIn

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