

ThinDPAK[®]

Schottky Barrier Surface Mount Rectifier

Lower Profiles and lower thermal resistance for high power density application.



Official Website



Twitter

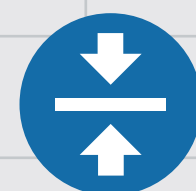
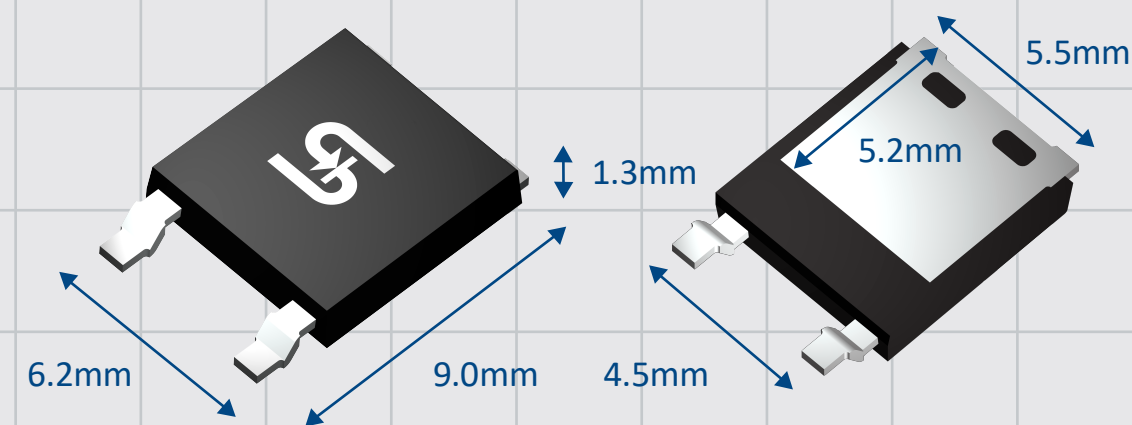


LinkedIn

For more questions: marketing@ts.com.tw

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FEATURES



Low profile package heights
9.0 × 6.2 × 1.3
L × W × H (mm)



Improve thermal performance



Reverse voltage from
45V to 200V

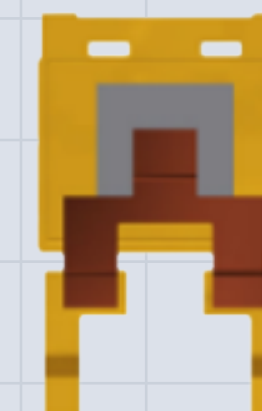


T_j max, up to
150°C



Automotive qualified
AEC-Q101

CONFIGURATION



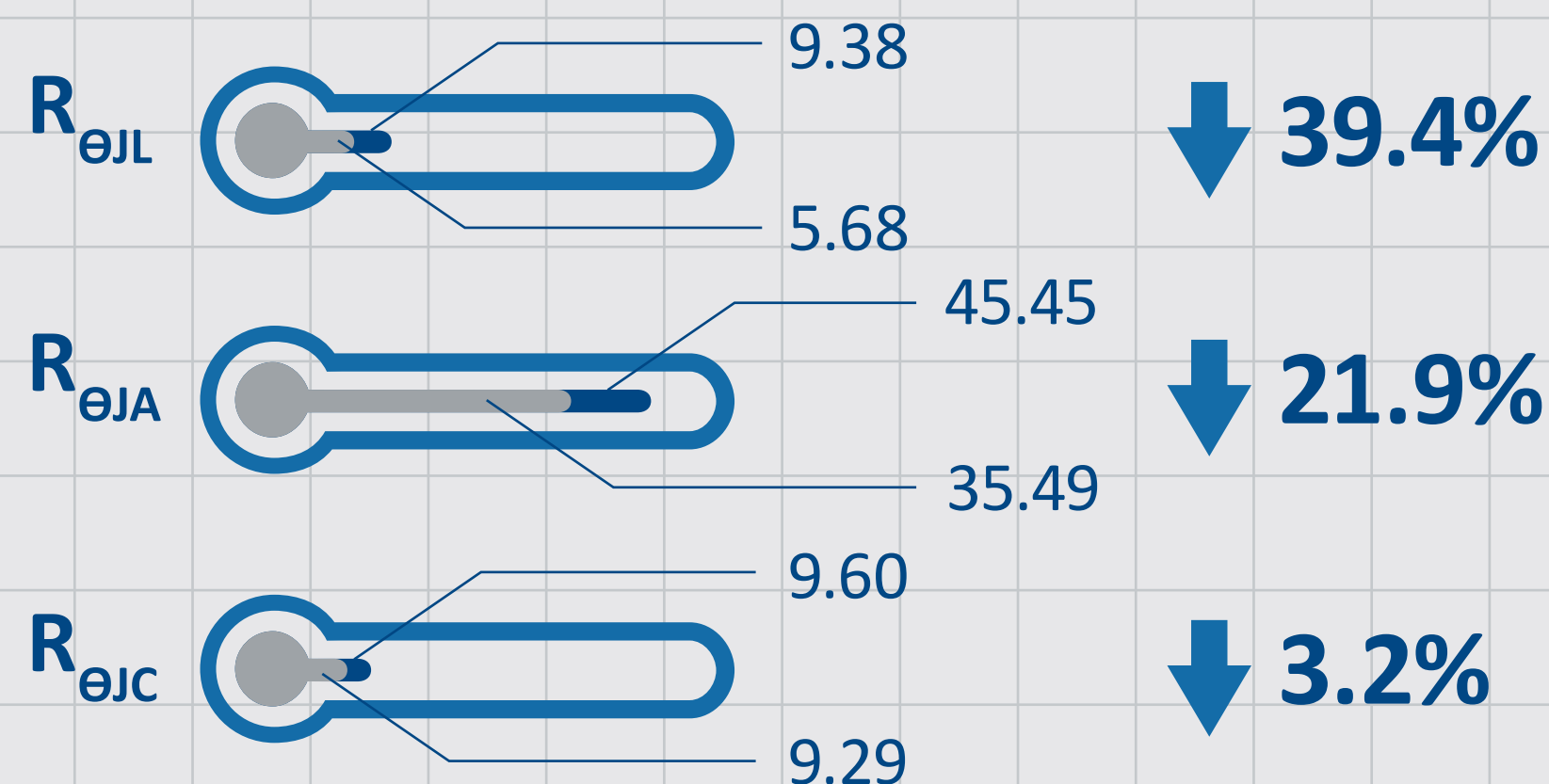
Single



Common cathode

Single and Common cathode configuration available

THERMAL PERFORMANCE COMPARISON



ThinDPAK

D-PAK

Unit: °C/W

Thermal Performance Note: Units mounted on PCB (16mm x 16mm Cu pad test board)

APPLICATIONS



AUTOMOTIVE



DC/DC CONVERTER



REVERSE BATTERY PROTECTION



CAR LIGHTING



TAIWAN SEMICONDUCTOR

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