



R3T2FPHM3 Hybrid Solution Product

Standard Rectifier and TRANSZORB® TVS



Two different technologies in one FlatPAK 5 x 6 package saves PCB space

Automotive hybrid solution for standard rectifiers (600 V, 3 A) and TRANSZORB® TVS (200 W, V_{BR} 27 V)

Oxide planar chip technology

Immunity to electrical static discharge

Can be paired in series with standard TVS to offer a complete > 24 V low clamping voltage ratio TVS product portfolio

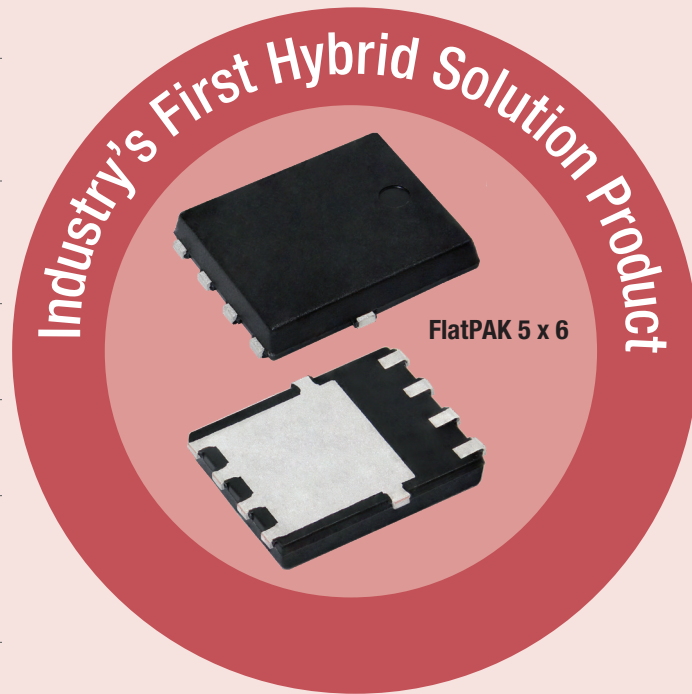
Meets high reliability automotive requirements

Meets MSL level 1, per J-STD-020, LF maximum peak of 260 °C



Wide temperature range:

-55 °C to +175 °C



AEC-Q101
Qualified Available

APPLICATIONS

Secondary protection for sensor units, distributed airbag modules, and low power DC/DC converters under power distributors



INDUSTRIAL



AUTOMOTIVE

Primary Characteristics

R3T2FPHM3			
Standard Rectifier		Transient Voltage Suppressors	
$I_{F(AV)}$	3 A	V_{BR}	27 V
V_{RRM}	600 V	V_{WM}	23.1 V
I_{FSM}	40 A	P_{PPM}	200 W
V_F at $I_F = 3$ A ($T_J = 125$ °C)	0.86 V	I_{PPM}	5.3 A

For technical questions: DiodesAmericas@vishay.com, DiodesEurope@vishay.com, or DiodesAsia@vishay.com