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Vishay Updates POD Specs for Diodes in PowerTab® Package

Vishay’s Diodes Division has updated the POD dimension tolerance of document #95240, relevant to the PowerTab® package. There is no change in the actual electrical, thermal, or other performance characteristics of the products. There is also no change in manufacturing or actual dimensions.

The affected products are listed below, and include Schottky, FRED Pt®, and fast soft recovery rectifier diodes.

Technology	Package	Material
FRED Pt Ultrafast	PowerTab (TO-275)	VS-150EBU02
FRED Pt Ultrafast	PowerTab (TO-275)	VS-150EBU02HF4
FRED Pt Ultrafast	PowerTab (TO-275)	VS-150EBU04
FRED Pt Ultrafast	PowerTab (TO-275)	VS-150EBU04HF4
FRED Pt Ultrafast	PowerTab (TO-275)	VS-80EBU02
FRED Pt Ultrafast	PowerTab (TO-275)	VS-80EBU02HF4
FRED Pt Ultrafast	PowerTab (TO-275)	VS-80EBU04
FRED Pt Ultrafast	PowerTab (TO-275)	VS-80EBU04HF4
FRED Pt Ultrafast	PowerTab (TO-275)	VS-92-0268
FRED Pt Ultrafast	PowerTab (TO-275)	VS-EBU15006-F4
FRED Pt Ultrafast	PowerTab (TO-275)	VS-EBU15006HF4
FRED Pt Ultrafast	PowerTab (TO-275)	VS-EBU8006HF4
Fast Soft Recovery Rectifier Diodes	PowerTab (TO-275)	VS-85EPF12
Fast Soft Recovery Rectifier Diodes	PowerTab (TO-275)	VS-85EPF12HE4
Schottky	PowerTab (TO-275)	VS-100BGQ015
Schottky	PowerTab (TO-275)	VS-100BGQ015HF4
Schottky	PowerTab (TO-275)	VS-100BGQ030
Schottky	PowerTab (TO-275)	VS-100BGQ030HF4
Schottky	PowerTab (TO-275)	VS-100BGQ045
Schottky	PowerTab (TO-275)	VS-100BGQ045HF4
Schottky	PowerTab (TO-275)	VS-100BGQ100
Schottky	PowerTab (TO-275)	VS-100BGQ100HF4



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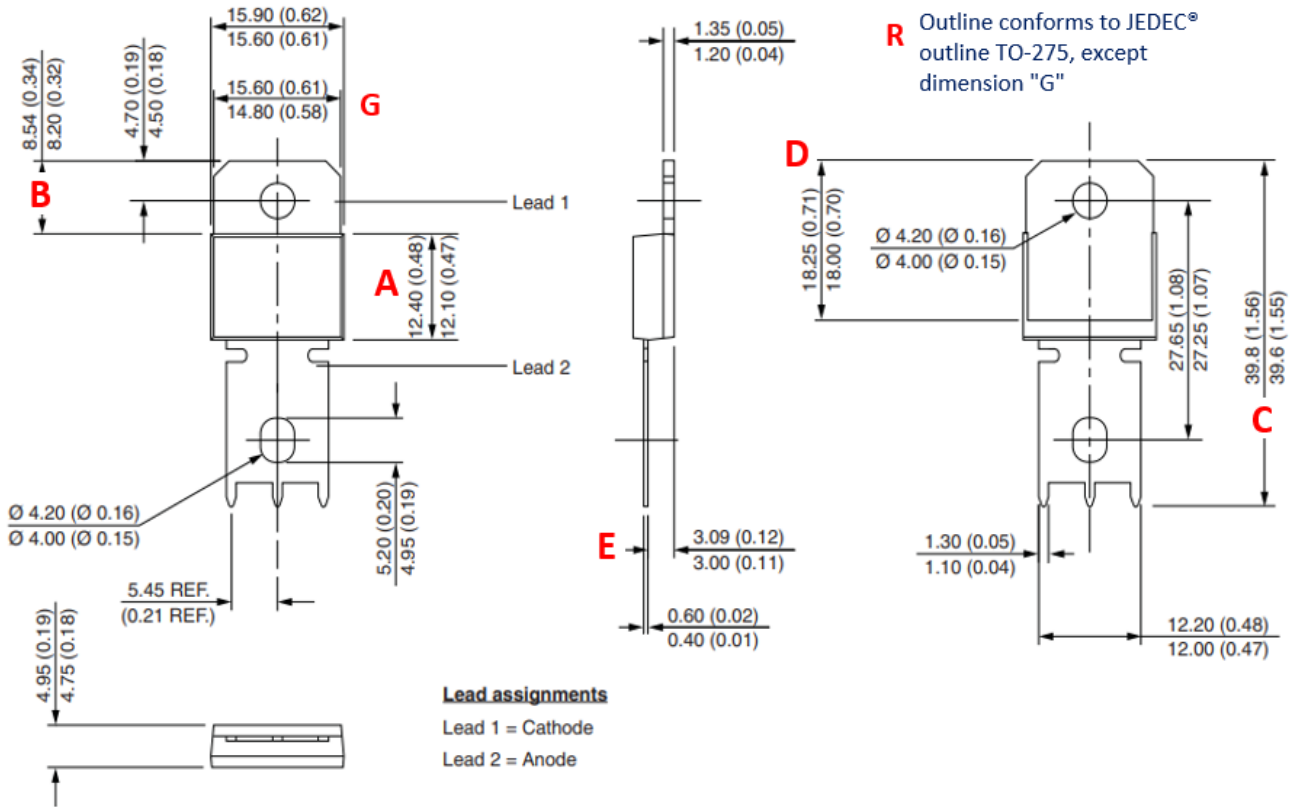
Schottky	PowerTab (TO-275)	VS-175BGQ030
Schottky	PowerTab (TO-275)	VS-175BGQ030HF4
Schottky	PowerTab (TO-275)	VS-175BGQ045
Schottky	PowerTab (TO-275)	VS-175BGQ045HF4

Details of changes to doc [#95240](#) are summarized below:

Dim. Ref	From		To	
	Current Spec POD		New Spec POD	
	Min. (mm)	Max. (mm)	Min. (mm)	Max. (mm)
A	12.10	12.40	11.90	12.40
B	8.20	8.54	8.20	8.80
C	39.60	39.80	39.55	39.95
D	18.00	18.25	17.85	18.50
E	3.00	3.09	3.00	3.15
R	No remarks		Added note: Outline conforms to JEDEC® outline TO-275, except dimension "G"	



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Affected Products:

For details, refer to the attached P/N list

Planned Implementation:

Effective immediately

Useful Link:

[95240POWERTAB.fm \(vishay.com\)](https://www.vishay.com/doc/95240POWERTAB.fm)



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ISSUED BY:

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