



The DNA of tech.®

TX3 — Solid Tantalum SMD Molded Case Capacitors Enhance the Performance of Your Detonation Systems with Specifically Designed Capacitors



ADVANTAGE

Low DC leakage and tantalum's high energy density make this the best choice for electronic detonation systems, providing more time and delivering more energy to ensure proper ignition.

KEY PRODUCT FEATURES

- ✓ Unlike standard commercial offerings, the TX3 is tested to more stringent criteria to ensure reliability
- ✓ Best in class screening technology eliminates lot to lot variation
- ✓ Unlike MLCCs, the TX3 is a robust mechanical solution for high shock and vibration environments



MARKETS AND APPLICATIONS



INDUSTRIAL

- Mining Industry and Demolition

VISHAY RATINGS WITH COMPETITIVE COMPARISON

C / V	16 V		20 V		25 V		
	Supplier	Vishay	Others	Vishay	Others	Vishay	Others
10		—	—	—	—	B	B
15		—	—	—	—	B	—
22		B	—	B ⁽¹⁾	B	C	—
33		B	B	B ⁽¹⁾ / C	—	C ⁽¹⁾	C
47		B	—	C ⁽¹⁾	—	—	—
68		C	—	C ⁽¹⁾	C	—	—
100		C	C	—	—	—	—

Legend:

(1) Consult with factory for availability and specifications.

RESOURCES



[Product Page](#)



[Contact Us](#)



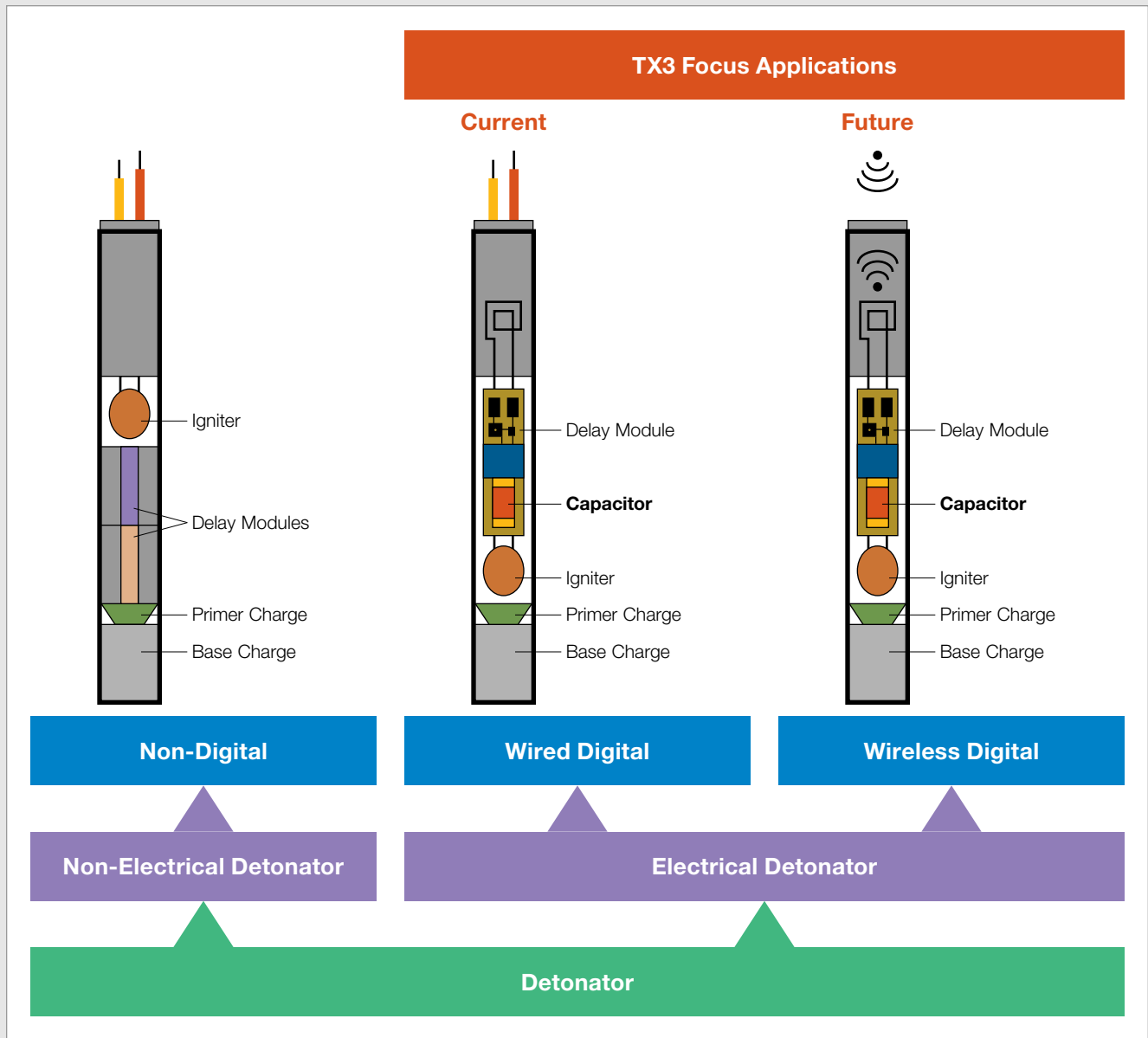
[3D Models](#)



[White Papers](#)

ADDITIONAL BENEFITS

- To ensure greater system reliability, the TX3 combines low DCL and enhanced performance with more stringent testing specifications



Combining a robust mechanical design with low leakage current (DCL) and stringent testing specifications, Vishay Sprague TX3 series devices deliver enhanced performance and reliability over other commercial tantalum capacitors and MLCCs. Please [contact us](#) if you would like to [purchase](#) or order samples.