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New Bended Options for LTO Thick Film Power Resistors

Vishay’s LTO 100, LTO 100H, and LTO 150 series thick film power resistors are now available with TB7, TB8, and TB9 bended options, providing customers with new opportunities to personalize their projects.

BENDING OPTIONS		
LTO 100 TB7	LTO 100 TB8	LTO 100 TB9

BENDING OPTIONS		
LTO 150 TB7	LTO 150 TB8	LTO 150 TB9

Using a power resistor with bended outputs can provide several practical benefits in electronic designs. The bent leads of these resistors make them more versatile for integration into compact or densely packed circuits. They also allow for easier routing of the resistor in tight spaces, reducing the need for additional components or complex layouts. Additionally, the bent outputs can simplify assembly and soldering processes, leading to improved manufacturing efficiency and reduced risk of soldering errors. Overall, the bended output design adds value by facilitating more flexible, efficient, and reliable circuit assembly and operation.



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Key Advantages

- ✓ AEC-Q200
- ✓ Space-saving: optimizes PCB layouts by fitting resistors into tighter spaces
- ✓ Flexibility: allows for customization of resistor placement and orientation
- ✓ Cost efficiency: potentially reduces manufacturing costs through simplified assembly
- ✓ Design optimization: enhances circuit design by enabling compact and efficient layouts
- ✓ Improved reliability: can reduce mechanical stress on PCB connections
- ✓ Ease of integration: facilitates the incorporation of resistors into complex designs
- ✓ Custom form factors: tailored shapes and sizes to fit specific design requirements

Key Applications

- ✓ Automotive EV / HEV / PHEV, fuel cell
 - ✓ Damping resistors for e-compressors
 - ✓ Precharge resistors for inverters / converters
 - ✓ Active discharge resistors for invertors
- ✓ Military / avionics

Useful Links

- [LTO 100 Product Page](#)
- [LTO 100H Product Page](#)
- [LTO 150 Product Page](#)

Contact Information

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