MLO[™] Diplexers DP03 SERIES



AVX Website Link to Datasheet

WLAN/BT

Basic Overview

The 0603 Multilayer Organic (MLO[™]) Diplexer is a best in class low profile organic passive integrated component that is based on AVX's patented multilayer organic technology. AVX Diplexers support multiple wireless standards and have the lowest profile on the market today, while maintaining superb performance. As with all MLO[™] components, MLO[™] diplexers are CTE matched to most PCBs resulting in increased reliability over silicon and ceramic devices.

Positioning

AVX takes it one step further by integrating existing MLO[™] Capacitors and Inductors into the thinnest 0603 size diplexer package with the lowest insertion loss available in the industry.

Applications

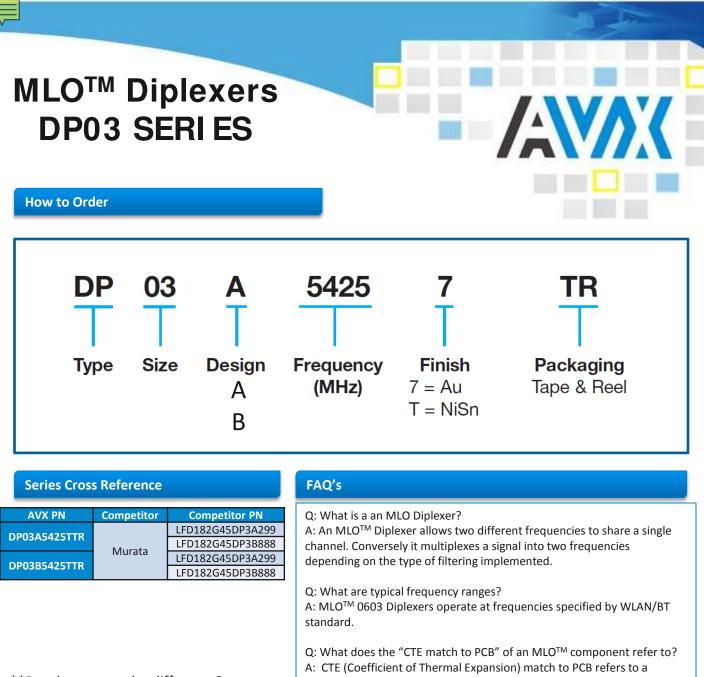
WLAN/BT

Top Selling Points

- Lowest profile on the market (≤0.50mm)
- LGA Terminations
- CTE match to most PCBs
- High Q
- Operating Temp. Range: -40°C to +85°C

Unique Features

Designed and manufactured using patented MLOTM Technology.



**Port layout may be different. See datasheet.

A: CTE (Coefficient of Thermal Expansion) match to PCB refers to a component's ability to change in size with temperature at a rate relative to that of the printed circuit board that the component is mounted on. Since MLOTM components are composed of similar basic materials as a printed circuit board, the CTE is actually matched to the CTE of the circuit board resulting in higher reliability.

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