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**Product Name**

DEA102500LT-9052A1 Multilayer LFP + Balun for BLE

**Product Summary**

Multilayer Ceramic Low Pass Filter + Balun combined in one compact packaging

**Product Details**

TDK’s DEA102500LT-9052A1 is a multilayer low pass filter + balun in one package designed for Bluetooth Low Energy applications and matched to NXP Semiconductor NxH2003 chipset. The compact case size and low insertion loss (0.62dB typ.) make this DEA series product ideal for wearable and consumer product applications.

**Features and Benefits**

* LPF + Balun in one design
* Compact case size (EIA 0402/1005 Metric)
* Low insertion loss (typ. 0.62dB)
* Matched to NXP NxH2003 chipset

**Applications**

* Bluetooth / Bluetooth Low Energy
* Internet of Things
* Wearables
* Consumer products

**Datasheet**

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**Vertical/End Markets** (check all that apply)

|  |  |  |
| --- | --- | --- |
| **Yes** | **No** | **Application** |
|[x] [ ]  Commercial |
|[x] [ ]  Medical  |
|[ ] [x]  Military |
|[ ] [x]  Power |
|[ ] [x]  Transportation |

Notes on End Markets: Medical class I and II only

**Product Keywords/Search Terms**

Low pass filter, balun, bluetooth low energy, ble, multilayer balun, lpf, wearable, IoT, Internet of things, PAN, NxH2003, NXP

**Additional Notes**

 



