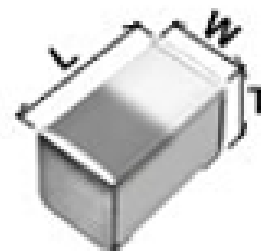


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|               |                                                                                                                                |
|---------------|--------------------------------------------------------------------------------------------------------------------------------|
| Applications  | Commercial Grade                                                                                                               |
| Feature       | <div>Multilayer</div> Multilayer<br><div>Non-Mag Core</div> Non-Magnetic Core (Dielectric Ceramic)<br><div>High Q</div> High Q |
| Series   Type | MLG-P                                                                                                                          |
| Status        | Production                                                                                                                     |
| Brand         | TDK                                                                                                                            |



| Size                         |                |
|------------------------------|----------------|
| Length(L)                    | 0.60mm ±0.03mm |
| Width(W)                     | 0.30mm ±0.03mm |
| Thickness(T)                 | 0.30mm ±0.03mm |
| Recommended Land Pattern (A) | 0.25mm Nom.    |
| Recommended Land Pattern (B) | 0.30mm Nom.    |
| Recommended Land Pattern (C) | 0.30mm Nom.    |

| Electrical Characteristics     |                        |
|--------------------------------|------------------------|
| Inductance                     | 0.6nH ±0.1nH at 500MHz |
| Rated Current                  | 1A                     |
| DC Resistance [Typ.]           | 10mΩ                   |
| DC Resistance [Max.]           | 60mΩ                   |
| Self Resonant Frequency [Min.] | 10GHz                  |
| Self Resonant Frequency [Typ.] | 20GHz                  |
| Q [Min.]                       |                        |
| Q [Typ.]                       |                        |

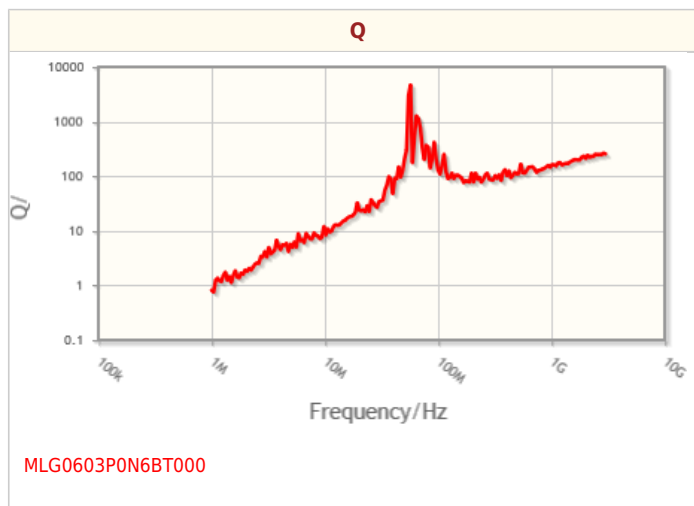
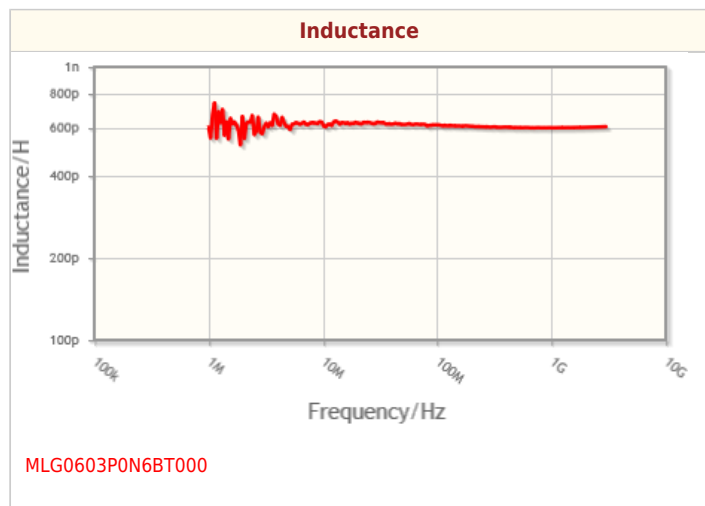
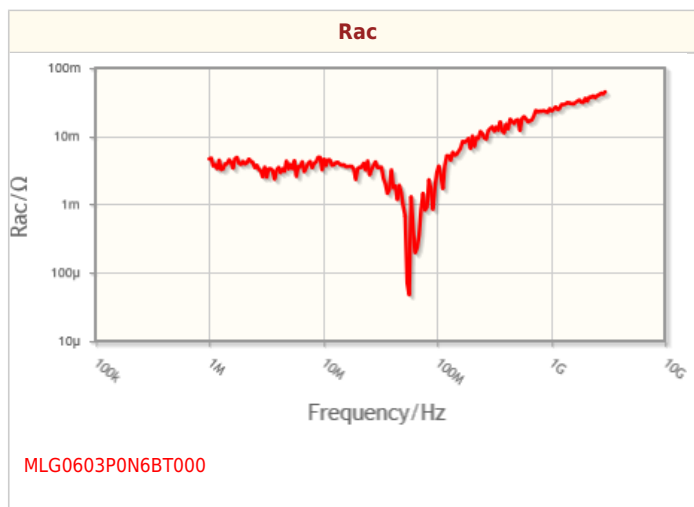
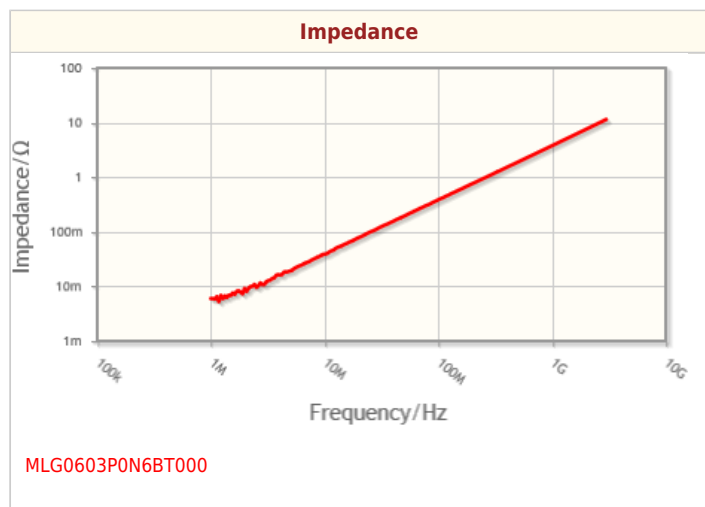
| Other                                             |                                    |
|---------------------------------------------------|------------------------------------|
| Operating Temp. Range (Including Self-Temp. Rise) | -55 to 125°C                       |
| Soldering Method                                  | Reflow                             |
| AEC-Q200                                          | No                                 |
| Packing                                           | Punched (Paper)Taping [180mm Reel] |
| Package Quantity                                  | 15000pcs                           |
| Weight                                            | 0.0002g                            |

! Images are for reference only and show exemplary products.  
! This PDF document was created based on the data listed on the TDK Corporation website.  
! All specifications are subject to change without notice.

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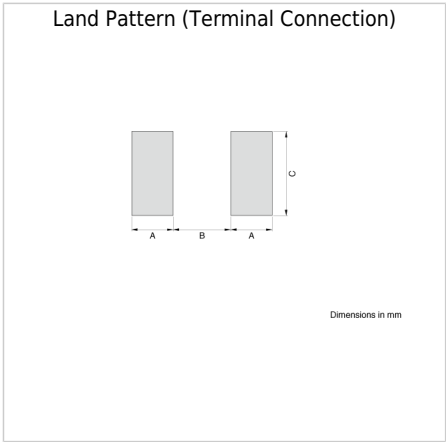


Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)





# Associated Images



! Images are for reference only and show exemplary products.  
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