Noise Suppression Products/EMI Suppression Filters > Chip EMIFIL® Inductor Type > Chip Ferrite Beads

## Data Sheet Chip EMIFIL<sup>®</sup> Inductor Type BLM18T Series (0603 Size) Dimension Equivalent Circuit 1.6±0.15 0.8±0.15 0.6±0.10 0.4±0.2 (Resistance element becomes dominant at high frequencies.) : Electrode (in mm) Packaging Code Packaging Minimum Quantity 180mm Paper Tape 10000 D в Bulk(Bag) 1000 Rated Value ( packaging code) Impedance Impedance Operating Part Number **Rated Current** DC Resistance(max.) Number of Circuits (at 100MHz/20°C) (at 1GHz/20°C) **Temperature Range** BLM18TG121TN1 120ohm±25% -55°C to +125°C -200mA 0.25ohm 1 BLM18TG221TN1 220ohm±25% 200mA 0.30hm -55°C to +125°C 1 \_ BLM18TG601TN1 600ohm±25% 200mA 0.45ohm -55°C to +125°C -1 BLM18TG102TN1 -55°C to +125°C 1000ohm±25% -100mA 0.60hm 1 Z-f characteristics (Typ.) Z-f characteristics (Typ.) BLM18TG121TN1 BLM18TG221TN1 150 300 250 120 R 200 mpedance (0) Impedance (Ω) 90 150 60 100 30 50 100 10 100 1000 Frequency (MHz) Frequency (MHz) Continued on the following page. $\square$

• This data sheet is applied for CHIP FERRITE BEAD used for General Electronics equipment for your design.



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