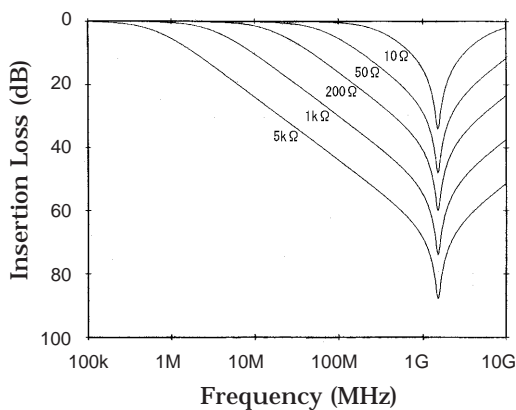


3 How to Select and Use EMI Suppression Filters
 3.2 Circuit Impedance and EMI Suppression Filter's Performance

Circuit Impedance and EMI Suppression Filter's Performance

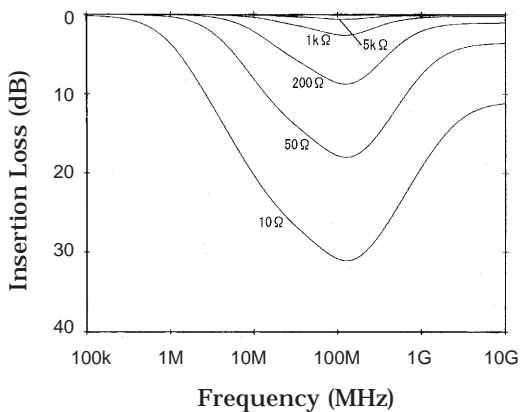
Relation between Circuit Impedance and EMI Suppression Filter's Performance

Chip Three-terminal Capacitor
 (Chip Solid EMI FILTER NFM39R02C101 100 pF)



Parameter:
 Circuit impedance
 Calculated Values

Chip Ferrite Bead Inductor
 (BLM11A601S 600Ω at 100 MHz)



Parameter:
 Circuit impedance
 Calculated Values

Insertion loss of EMI filter varies depending on the circuit impedance.

[Memo]