

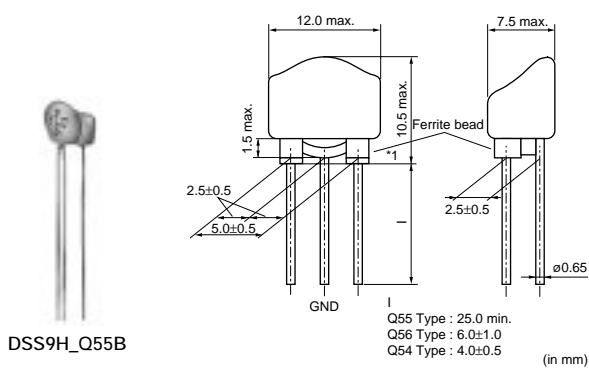
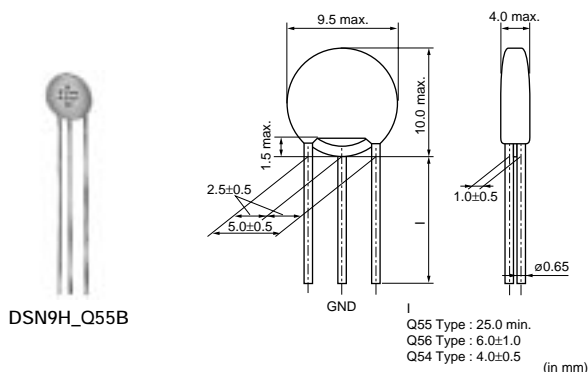
On-Board Type (DC) EMI Suppression Filters (EMIFIL®)

muRata

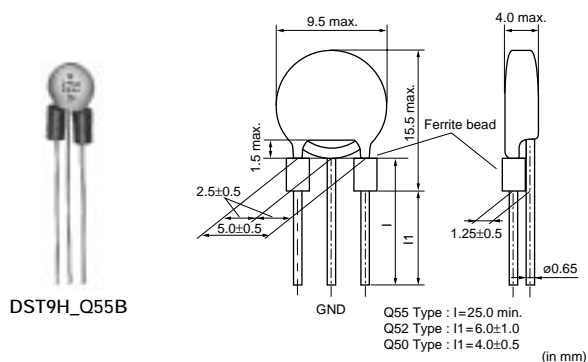
Disc Type EMIFIL® Heavy-duty Type DSN9H/DSS9H/DST9H Series

■ Features

DS_9H is a basic type EMI suppression filter which can obtain high insertion loss in a wide frequency range. Its three terminal structure enables nice high frequency performance. High rated voltage of 250Vdc and wide operating temperature range from -40 degree C to 105 degree C are suitable for high reliability circuits.



*1 Bottom of the ferrite beads may not be level with each other.

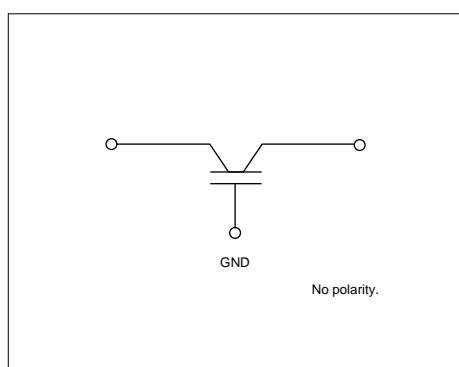


DSN9H Series

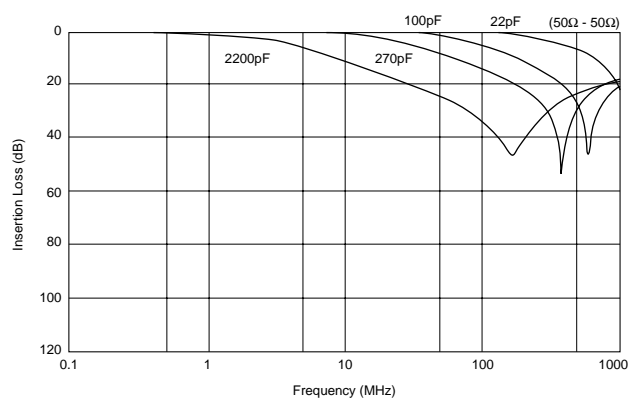
Part Number	Capacitance (pF)	Rated Voltage (Vdc)	Rated Current (A)	Operating Temperature Range (°C)
DSN9HB32E220	22 +20%,-20%	250	6	-40 to +105
DSN9HB32E101	100 +20%,-20%	250	6	-40 to +105
DSN9HB32E271	270 +20%,-20%	250	6	-40 to +105
DSN9HB32E222	2200 +20%,-20%	250	6	-40 to +105

Please refer to Part Numbering for Type and Length of Lead.

■ Equivalent Circuit



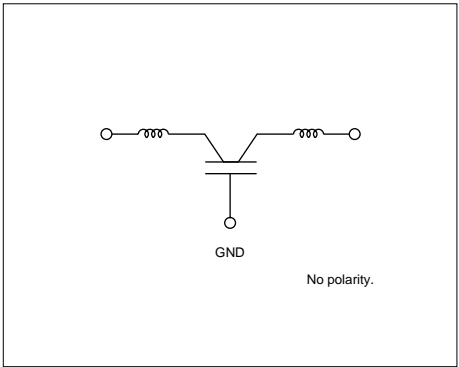
■ Insertion Loss Characteristics (Typical)



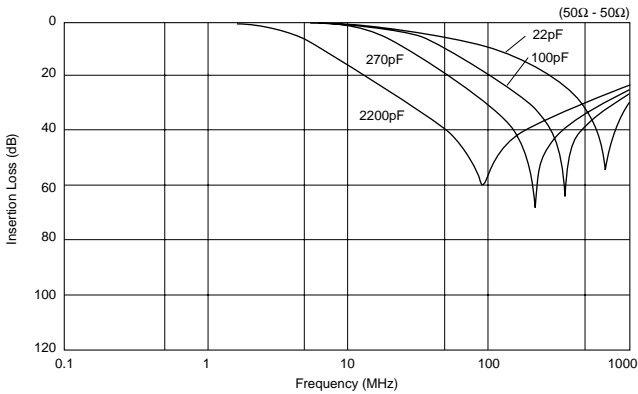
Built-in Ferrite Beads DSS9H Series

Part Number	Capacitance (pF)	Rated Voltage (Vdc)	Rated Current (A)	Operating Temperature Range (°C)
DSS9HB32E220	22 +20%,-20%	250	6	-40 to +105
DSS9HB32E101	100 +20%,-20%	250	6	-40 to +105
DSS9HB32E271	270 +20%,-20%	250	6	-40 to +105
DSS9HB32E222	2200 +20%,-20%	250	6	-40 to +105

■ Equivalent Circuit



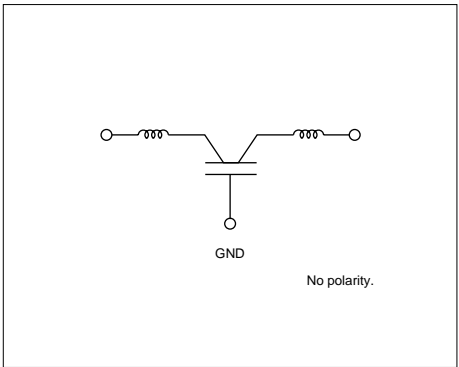
■ Insertion Loss Characteristics (Typical)



With Ferrite Beads DST9H Series

Part Number	Capacitance (pF)	Rated Voltage (Vdc)	Rated Current (A)	Operating Temperature Range (°C)
DST9HB32E220	22 +20%,-20%	250	6	-40 to +105
DST9HB32E101	100 +20%,-20%	250	6	-40 to +105
DST9HB32E271	270 +20%,-20%	250	6	-40 to +105
DST9HB32E222	2200 +20%,-20%	250	6	-40 to +105

■ Equivalent Circuit



■ Insertion Loss Characteristics (Typical)

