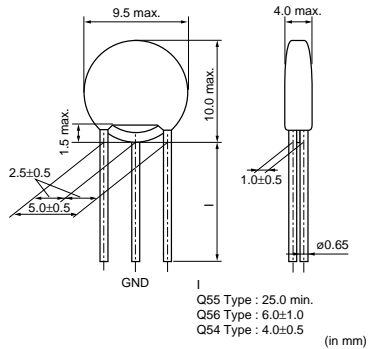


Lead EMIFIL® Capacitor Type Broad Band Type

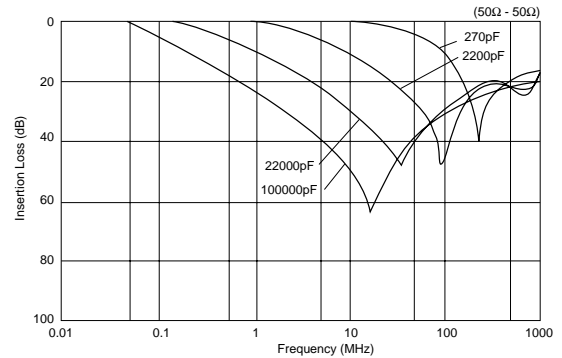
DSN9N/DSS9N/DST9N Series

DSN9N Series

Dimension



IL of Main Items



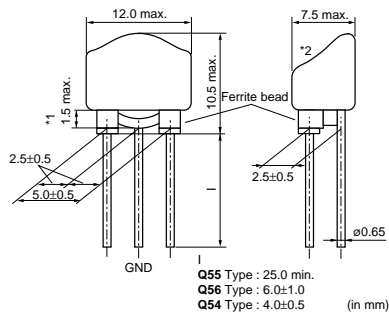
Rated Value (□: lead type/packaging code)

Part Number	Capacitance	Rated Current	Rated Voltage	Operating Temperature Range
DSN9NC52A271□	270pF+20%-20%	7A	100Vdc	-25°C to +85°C
DSN9NC52A222□	2200pF+20%-20%	7A	100Vdc	-25°C to +85°C
DSN9NC51H223□	22000pF+50%-20%	7A	50Vdc	-25°C to +85°C
DSN9NC51C104□	100000pF+20%-20%	7A	16Vdc	-25°C to +85°C

Rated current is 6A for taping type and its lead diameter is phi 0.6mm and three terminal in line arrangement.

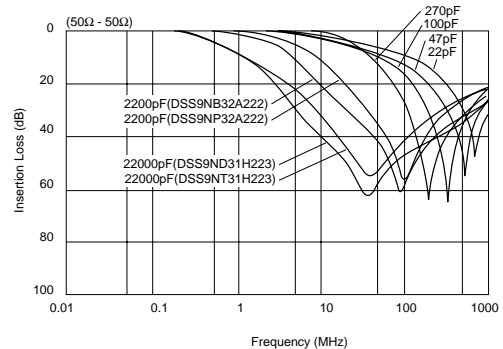
DSS9N Series

Dimension



*1 Coating extending on leads does not exceed the tangent line.
Exposed electrode, if any, is covered by solder, etc.
*2 There should not be the exposure of the ferrite bead if a hole is in top of filter, the ferrite bead should not be exposed.

IL of Main Items



Continued on the following page. ↗

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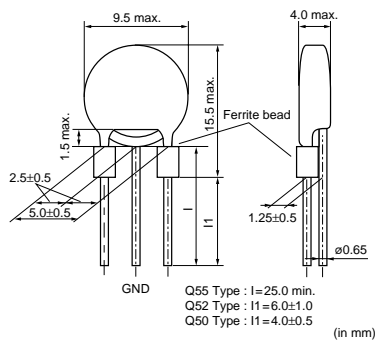
■ Rated Value (□: lead type/package code)

Part Number	Capacitance	Rated Current	Rated Voltage	Operating Temperature Range
DSS9NC52A220□	22pF+20%-20%	7A	100Vdc	-25°C to +85°C
DSS9NC52A470□	47pF+20%-20%	7A	100Vdc	-25°C to +85°C
DSS9NC52A101□	100pF+20%-20%	7A	100Vdc	-25°C to +85°C
DSS9NC52A271□	270pF+20%-20%	7A	100Vdc	-25°C to +85°C
DSS9NC52A222□	2200pF+20%-20%	7A	100Vdc	-25°C to +85°C
DSS9NP32A222□	2200pF+20%-20%	7A	100Vdc	-25°C to +85°C
DSS9NC51H223□	22000pF+50%-20%	7A	50Vdc	-25°C to +85°C
DSS9NT31H223□	22000pF+50%-20%	7A	50Vdc	-25°C to +85°C

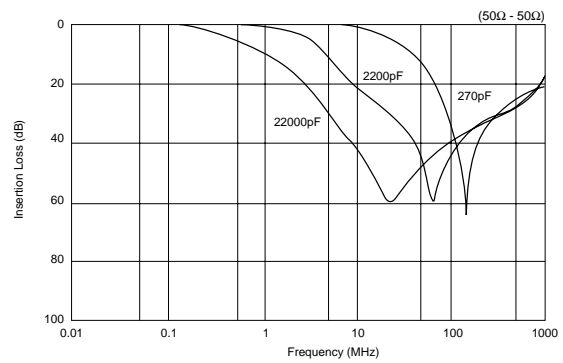
Rated current is 6A for taping type and its lead diameter is phi 0.6mm and three terminal in line arrangement.
DSS9NP32A222/DSS9NT31H223 are low distortion types for audio IF circuits.

DST9N Series

■ Dimension




■ IL of Main Items



■ Rated Value (□: lead type/package code)

Part Number	Capacitance	Rated Current	Rated Voltage	Operating Temperature Range
DST9NC52A271□	270pF+20%-20%	7A	100Vdc	-25°C to +85°C
DST9NC52A222□	2200pF+20%-20%	7A	100Vdc	-25°C to +85°C
DST9NC51H223□	22000pF+50%-20%	7A	50Vdc	-25°C to +85°C

Rated current is 6A for taping type and its lead diameter is phi 0.6mm and three terminal in line arrangement.

Continued on the following page. 

● This data sheet is applied for Lead EMIFIL® Capacitor Type used for General Electronics equipment for your design.

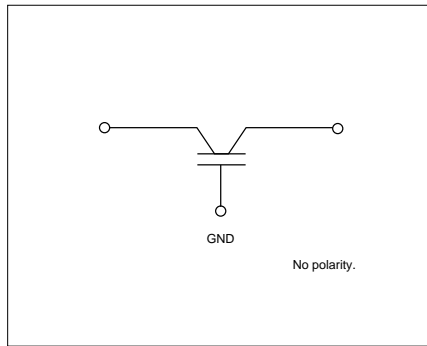
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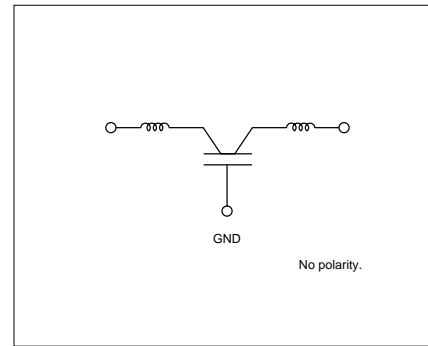
■ Equivalent circuit

DSN9N Series



■ Equivalent circuit

DSS9N/DST9N Series



■ Packaging

● Minimum Quantity

Part Number	Minimum Order Quantity (order in sets only) (Pcs.)		
	Ammo Pack	ø320mm Paper reel	Bulk (Bag)
DSN9 Series	2000	—	250 Q55 500 Q54/Q56
DST9 Series	1000	—	200 Q55 250 Q50/Q52
DSS9 Series	—	800	200 Q55 500 Q54/Q56

● Lead Type/Packaging

Code	Lead Type	Lead Length* (in mm)	Packaging	Series
Q55B	Straight	25.0 min.	Bulk	All series
Q50B		4.0±0.5		DST9N/H
Q52B		6.0±1.0		DST9N
Q54B		4.0±0.5		DSN6/9, DSS6/9
Q56B		6.0±1.0		DSS6N
T41B	Incrimp	4.0±0.5	Paper Reel (ø320mm)	DSS9N/H
T51B		25.0 min.		
Q91J	Straight	20.0±1.0	Ammo Pack	DS□6, DSN9N/H
Q92J		16.5±1.0		
Q93J		18.5±1.0		
Q91A		20.0±1.0		
Q92A		16.5±1.0		
Q93A	18.5±1.0	DSS6N		
U21A	16.5±1.0			
U31A	18.5±1.0			

*Lead Distance between Reference and Bottom Planes except Bulk.

■ ⚠ Caution (Rating)

Do not use products beyond the rated current and rated voltage as this may create excessive heat and deteriorate the insulation resistance.

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