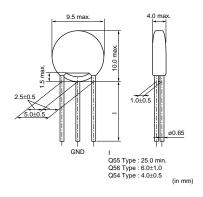
Data Sheet

Lead EMIFIL® Capacitor Type Broad Band Type

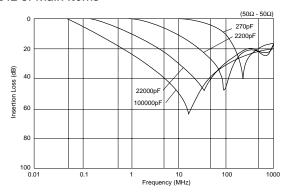
DSN9N/DSS9N/DST9N Series

DSN9N Series

■ Dimension



■ IL of Main Items



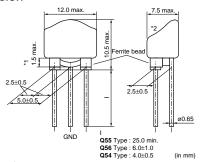
■ Rated Value (□: lead type/packaging code)

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.

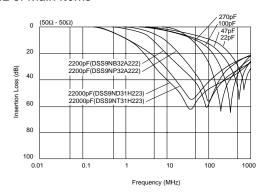
DSS9N Series

■ 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.



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

⚠ Note:

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Data Sheet

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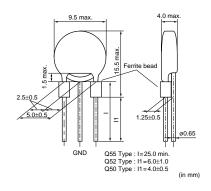
■ Rated Value (□: lead type/packaging code)

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

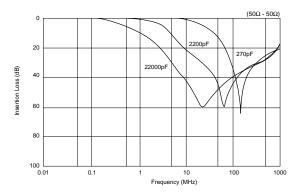
Rated current is 6A for taping type and its lead diameter is phi 0.6mm and three terminal in line arrangement. DSS9NP32A222/DSS9NT31H223 are low distortion types for audio IF circuits.

DST9N Series

■ Dimension



■ II of Main Items



■ Rated Value (□: lead type/packaging 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.

⚠ Note:

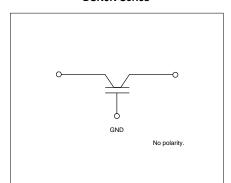
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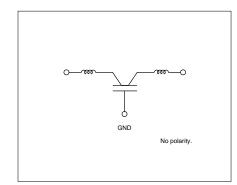
■ Equivalent circuit

DSN9N Series



■ Equivalent circuit

DSS9N/DST9N Series



■ Packaging

Minimum Quantity

	Minimum Order Quantity (order in sets only) (Pcs.)			
Part Number	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		25.0 min.	Bulk	All series
Q50B	Straight	4.0±0.5		DST9N/H
Q52B		6.0±1.0		DST9N
Q54B		4.0±0.5		Devicio Deceio
Q56B		6.0±1.0		DSN6/9, DSS6/9
T41B	Inorima	4.0±0.5		Deech
T51B	Incrimp	25.0 min.		DSS6N
Q91J	- Straight	20.0±1.0		
Q92J		16.5±1.0	Paper Reel (ø320mm)	DSS9N/H
Q93J		18.5±1.0		
Q91A		20.0±1.0	Ammo Pack	DS□6, DSN9N/H
Q92A		16.5±1.0		All series except DSS9N/H
Q93A		18.5±1.0		
U21A	- Incrimp	16.5±1.0	DOCCH	DSS6N
U31A		18.5±1.0		D990N

^{*}Lead Distance between Reference and Bottom Planes except Bulk.

■ ①Caution (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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