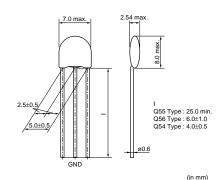
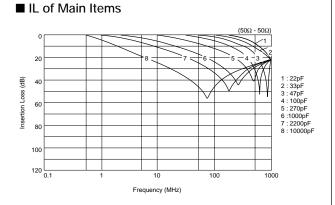
Noise Suppression Products/EMI Suppression Filters > Lead EMIFIL® Capacitor Type > for General Small Type

Data Sheet

Lead EMIFIL® Capacitor Type for General Small Type DSN6/DSS6 Series

Dimension

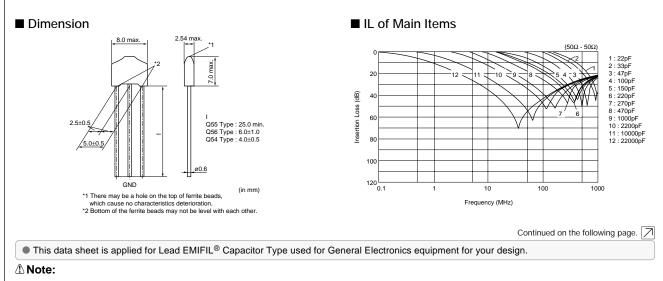




■ Rated Value (□: lead type/packaging code)

Part Number	Capacitance	Rated Current	Rated Voltage	Operating Temperature Range
DSN6NC51H220	22pF+20%-20%	6A	50Vdc	-25°C to +85°C
DSN6NC51H330	33pF+20%-20%	6A	50Vdc	-25°C to +85°C
DSN6NC51H470	47pF+20%-20%	6A	50Vdc	-25°C to +85°C
DSN6NC51H101	100pF+20%-20%	6A	50Vdc	-25°C to +85°C
DSN6NC51H271	270pF+20%-20%	6A	50Vdc	-25°C to +85°C
DSN6NC51H102	1000pF+20%-20%	6A	50Vdc	-25°C to +85°C
DSN6NC51H222	2200pF+20%-20%	6A	50Vdc	-25°C to +85°C
DSN6NZ81H103	10000pF+80%-20%	6A	50Vdc	-25°C to +85°C

DSS6 Series Straight Type



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2006.11.2

Data Sheet

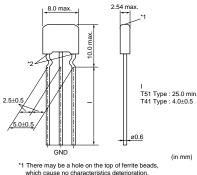
Continued from the preceding page.

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

Part Number	Capacitance	Rated Current	Rated Voltage	Operating Temperature Range
DSS6NC52A220	22pF+20%-20%	6A	100Vdc	-25°C to +85°C
DSS6NC52A330	33pF+20%-20%	6A	100Vdc	-25°C to +85°C
DSS6NC52A470	47pF+20%-20%	6A	100Vdc	-25°C to +85°C
DSS6NC52A101	100pF+20%-20%	6A	100Vdc	-25°C to +85°C
DSS6NC52A151	150pF+20%-20%	6A	100Vdc	-25°C to +85°C
DSS6NC52A221	220pF+20%-20%	6A	100Vdc	-25°C to +85°C
DSS6NC52A271	270pF+20%-20%	6A	100Vdc	-25°C to +85°C
DSS6NC52A471	470pF+20%-20%	6A	100Vdc	-25°C to +85°C
DSS6NC52A102	1000pF+20%-20%	6A	100Vdc	-25°C to +85°C
DSS6NE52A222	2200pF+80%-20%	6A	100Vdc	-25°C to +85°C
DSS6NZ82A103	10000pF+30%-30%	6A	100Vdc	-25°C to +85°C
DSS6NF31C223	22000pF+80%-20%	6A	16Vdc	-25°C to +85°C

DSS6 Series Incrimp Type

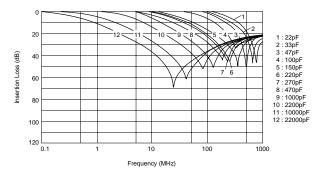
Dimension



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

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





Part Number	Capacitance	Rated Current	Rated Voltage	Operating Temperature Range
DSS6NC52A220	22pF+20%-20%	6A	100Vdc	-25°C to +85°C
DSS6NC52A330	33pF+20%-20%	6A	100Vdc	-25°C to +85°C
DSS6NC52A470	47pF+20%-20%	6A	100Vdc	-25°C to +85°C
DSS6NC52A101	100pF+20%-20%	6A	100Vdc	-25°C to +85°C
DSS6NC52A151	150pF+20%-20%	6A	100Vdc	-25°C to +85°C
DSS6NC52A221	220pF+20%-20%	6A	100Vdc	-25°C to +85°C
DSS6NC52A271	270pF+20%-20%	6A	100Vdc	-25°C to +85°C
DSS6NC52A471	470pF+20%-20%	6A	100Vdc	-25°C to +85°C
DSS6NC52A102	1000pF+20%-20%	6A	100Vdc	-25°C to +85°C
DSS6NE52A222	2200pF+80%-20%	6A	100Vdc	-25°C to +85°C
DSS6NZ82A103	10000pF+30%-30%	6A	100Vdc	-25°C to +85°C
		-		Continued on the following page.

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Part Nur	nber	Capacitance	Rated Current	Rated Voltage	Operating Temperature Range
SS6NF31C223		22000pF+80%-20%	6A	16Vdc	-25°C to +85°C
Equivalent	circuit DSN6 Se	eries	■ Equ	uivalent circuit DSS6 Se	eries
		No polarity.			No polarity.
Minimum Qua		Paper reer	ly) (Pcs.) < (Bag) i/T51 i/Q56/T41		
Minimum Qua Part Number	Ammo Pack	ø320mm Paper reel Bulk	< (Bag)		
Minimum Qua Part Number	Ammo Pack	ø320mm Paper reel Bulk	< (Bag)	Series	
S⊡6 Series _ead Type/Pa	Minimum Orde Ammo Pack 2000 ckaging	Ø320mm Paper reel Bulk Compared to the second secon	< (Bag) 5/T51 VQ56/T41	Series All series	
Minimum Qua Part Number SII6 Series Lead Type/Pa Code	Minimum Orde Ammo Pack 2000 ckaging	ø320mm Paper reel Bulk — 250 Q55 500 Q54 Lead Length* (in mm)	< (Bag) 5/T51 VQ56/T41		
Minimum Qua Part Number Code Code Q55B	Minimum Orde Ammo Pack 2000 ckaging	ø320mm Paper reel Bulk 250 Q55 500 Q54 250 Q55 Lead Length* (in mm) 25.0 min.	< (Bag) 5/T51 VQ56/T41	All series	
Alinimum Qua Part Number Code Code Q55B Q50B	Minimum Orde Ammo Pack 2000 ckaging Lead Type	ø320mm Paper reel Bulk	< (Bag) 5/T51 VQ56/T41	All series DST9N/H DST9N	
Minimum Qua Part Number Code Q55B Q50B Q52B	Minimum Orde Ammo Pack 2000 ckaging Lead Type	ø320mm Paper reel Bulk	(Bag) 5/T51 VQ56/T41 Packaging	All series DST9N/H	
Ainimum Qua Part Number Code Q55B Q50B Q52B Q54B	Minimum Orde Ammo Pack 2000 Ckaging Lead Type Straight	ø320mm Paper reel Bulk	(Bag) 5/T51 VQ56/T41 Packaging	All series DST9N/H DST9N DSN6/9, DSS6/9	
Ainimum Qua Part Number Code Q55B Q50B Q52B Q54B Q56B	Minimum Orde Ammo Pack 2000 ckaging Lead Type	ø320mm Paper reel Bulk	(Bag) 5/T51 VQ56/T41 Packaging	All series DST9N/H DST9N	
Minimum Qua Part Number Code Q55B Q50B Q52B Q54B Q56B T41B	Minimum Orde Ammo Pack 2000 Ckaging Lead Type Straight	Ø320mm Paper reel Bulk	(Bag) 5/T51 VQ56/T41 Packaging	All series DST9N/H DST9N DSN6/9, DSS6/9	
Animum Qua Part Number Code Q55B Q50B Q52B Q52B Q54B Q56B T41B T51B	Minimum Orde Ammo Pack 2000 Ckaging Lead Type Straight	Ø320mm Paper reel Bulk 250 Q55 250 Q55 Lead Length* (in mm) 25.0 min. 4.0±0.5 6.0±1.0 4.0±0.5 6.0±1.0 4.0±0.5 25.0 min. 25.0 ±1.0 4.0±0.5 5.00 ±1.0 4.0±0.5	(Bag) 5/T51 VQ56/T41 Packaging	All series DST9N/H DST9N DSN6/9, DSS6/9	
Minimum Qua Part Number	Minimum Orde Ammo Pack 2000 Ckaging Lead Type Straight Incrimp	ø320mm Paper reel Bulk 250 Q55 250 Q55 — 250 Q54 Lead Length* (in mm) 25.0 min. 4.0±0.5 6.0±1.0 4.0±0.5 6.0±1.0 4.0±0.5 25.0 min. 25.0 min. 25.0 min. 20.0±1.0 20.0±1.0	A (Bag)	All series DST9N/H DST9N DSN6/9, DSS6/9 DSS6N	
Minimum Qua Part Number Code Q55B Q50B Q52B Q54B Q56B T41B T51B Q91J Q92J	Minimum Orde Ammo Pack 2000 Ckaging Lead Type Straight	ø320mm Paper reel Bulk 250 Q55 Lead Length* (in mm) 25.0 min. 25.0 min. 4.0±0.5 6.0±1.0 4.0±0.5 6.0±1.0 4.0±0.5 25.0 min. 20.0±1.0 16.5±1.0	A (Bag)	All series DST9N/H DST9N DSN6/9, DSS6/9 DSS6N	
Minimum Qua Part Number Code Q55B Q50B Q52B Q54B Q54B Q54B Q56B T41B T51B Q91J Q92J Q92J Q93J	Minimum Orde Ammo Pack 2000 Ckaging Lead Type Straight Incrimp	Ø320mm Paper reel Bulk 250 Q55 Lead Length* (in mm) 25.0 min. 25.0 min. 4.0±0.5 6.0±1.0 4.0±0.5 6.0±1.0 4.0±0.5 25.0 min. 20.0±1.0 16.5±1.0 18.5±1.0 18.5±1.0	A (Bag)	All series DST9N/H DST9N DSN6/9, DSS6/9 DSS6N DSS9N/H DSD6, DSN9N/H	
Minimum Qua	Minimum Orde Ammo Pack 2000 Ckaging Lead Type Straight Incrimp	ø320mm Paper reel Bulk 250 Q55 25.0 min. 4.0±0.5 6.0±1.0 4.0±0.5 6.0±1.0 4.0±0.5 0.10 1.0 4.0±0.5 0.0±1.0 1.0±0.5 25.0 min. 20.0±1.0 18.5±1.0 20.0±1.0	A (Bag)	All series DST9N/H DST9N DSN6/9, DSS6/9 DSS6N DSS9N/H	
Minimum Qua Part Number Code Q55B Q50B Q52B Q54B Q54B Q56B T41B T51B Q91J Q92J Q93J Q91A Q92A	Minimum Orde Ammo Pack 2000 Ckaging Lead Type Straight Incrimp	Ø320mm Paper reel Bulk 250 Q55 250 Q55 - 250 Q54 Lead Length* (in mm) 25.0 min. 4.0±0.5 6.0±1.0 4.0±0.5 6.0±1.0 4.0±0.5 25.0 min. 20.0±1.0 16.5±1.0 18.5±1.0 20.0±1.0 16.5±1.0 16.5±1.0	K (Bag) STT51 VQ56/T41 Packaging Bulk Bulk Bulk Paper Reel (ø320mm) Bulk	All series DST9N/H DST9N DSN6/9, DSS6/9 DSS6N DSS9N/H DSD6, DSN9N/H	

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and deteriorate the insulation resistance.