

DS Disc Type EMIFIL® Part Numbering

(Part Number)

DS	N	9	H	B3	2E	101	Q92	A
1	2	3	4	5	6	7	8	9

① Product ID

Product ID	
DS	Three-terminal Capacitor

② Structure

Code	Structure
N	No Ferrite Beads Type
S	Built-in Ferrite Beads Type
T	with Ferrite Beads Type

③ Style

Code	Style
1	Expressed by a letter.
6	
9	

④ Category

Code	Category	
N	For General	For General Use
Z	For Automotive	Infotainment
H		Powertrain, Safety

⑤ Temperature Characteristics

Code	Capacitance Change
B3	±10% (Temperature Range: -25°C to +85°C)
C5	±22% (Temperature Range: -25°C to +85°C)
D3	+20/-30% (Temperature Range: -25°C to +85°C)
E5	+22/-56% (Temperature Range: -25°C to +85°C)
Z8	+30/-85% (Temperature Range: -10°C to +60°C)

⑥ Rated Voltage

Code	Rated Voltage
1H	50V
2A	100V
2E	250V

⑦ Capacitance

Expressed by three alphanumerics. The unit is in pico-farad (pF). The first and second figures are significant digits, and the third figure expresses the number of zeros that follow the two figures.

⑧ Lead Type/⑨ Packaging

Code	Lead Type	Lead Length* (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		DSN6N/9N, DSS6N
Q56B		6.0±1.0		
T41B	Incrimp	4.0±0.5	Paper Reel (ø320mm) Ammo Pack	DSS6N
T51B		25.0 min.		DSS1N DS□6N, DSN9N/H, DSS1N
Q91A	Straight	20.0±1.0		
Q92A		16.5±1.0		
Q93A		18.5±1.0		DS□6N, DS□9N/H
U21A	Incrimp	16.5±1.0		DSS6N
U31A		18.5±1.0		

*Lead Distance between Reference and Bottom Planes Except for Bulk.

Mouser Electronics

Authorized Distributor

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Murata:

[DSS6NB32A101U21A](#) [DSS6NB32A271U21A](#) [DST9NB32A222Q52B](#)