

## ● Part Numbering

### Disc Type EMIFIL®

(Part Number)

<b>DS</b>	<b>S</b>	<b>9</b>	<b>H</b>	<b>B3</b>	<b>2E</b>	<b>271</b>	<b>Q55</b>	<b>B</b>
①	②	③	④	⑤	⑥	⑦	⑧	⑨

#### ① Product ID

Product ID	
<b>DS</b>	Three-terminals Capacitor

#### ② Structure

Code	Structure
<b>N</b>	No Ferrite Beads Type
<b>S</b>	Built-in Ferrite Beads Type
<b>T</b>	with Ferrite Beads Type

#### ③ Style

Code	Style
<b>6</b>	Diameter 8.0mm Type
<b>9</b>	Diameter 9.5mm Type

#### ④ Category

Code	Category
<b>N</b>	for General Use
<b>H</b>	for Heavy-duty

#### ⑤ Temperature Characteristics

Code	Capacitance Change
<b>B3</b>	±10% (Temperature Range : -25°C to +85°C)
<b>C5</b>	±22% (Temperature Range : -25°C to +85°C)
<b>D3</b>	+20/-30% (Temperature Range : -25°C to +85°C)
<b>E3</b>	+20/-55% (Temperature Range : -25°C to +85°C)
<b>E5</b>	+22/-56% (Temperature Range : -25°C to +85°C)
<b>F3</b>	+30/-80% (Temperature Range : -25°C to +85°C)
<b>Z8</b>	+30/-85% (Temperature Range : -10°C to +60°C)

#### ⑥ Rated Voltage

Code	Rated Voltage
<b>1C</b>	16V
<b>1H</b>	50V
<b>2A</b>	100V
<b>2E</b>	250V

#### ⑦ Capacitance

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

#### ⑧ Lead Type/⑨ Packaging

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

\*Lead Distance between Reference and Bottom Planes except Bulk.