

● Part Numbering

EMIGUARD® (EMIFIL® with Varistor Function)

(Part Number)

VF	S	6	V	D8	1E	221	T51	B
①	②	③	④	⑤	⑥	⑦	⑧	⑨

① Product ID

Product ID	
VF	EMIGUARD® Lead Type

② Structure

Code	Structure
S	Built-in Ferrite Beads Type
R	with Resistance

③ Style

Code	Style
3	Size is expressed by a digit
6	
9	

④ Features

Code	Features
V	with Varistor Function

⑧ Lead Type/⑨ Packaging

Code	Lead Type	Lead Length*	Packaging	Series
T51B	Incrimp	25.0mm min.	Bulk	VFR3/VFS6
U31A		18.5±1.0mm	Ammo Pack	
Q55B	Straight	25.0mm min.	Bulk	VFS9
Q91J		20.0±1.0mm	Paper Reel (ø320mm)	
Q92J		16.5±1.0mm		
Q93J		18.5±1.0mm		

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

⑤ Temperature Characteristics

Code	Capacitance Change
D8	+20/-30% (Temperature Range: -40°C to +105°C)
D3	+20/-30% (Temperature Range: -25°C to +85°C)

⑥ Rated Voltage

Code	Rated Voltage
1B	12V
1E	25V

⑦ Capacitance

Expressed by three alphanumeric. 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.