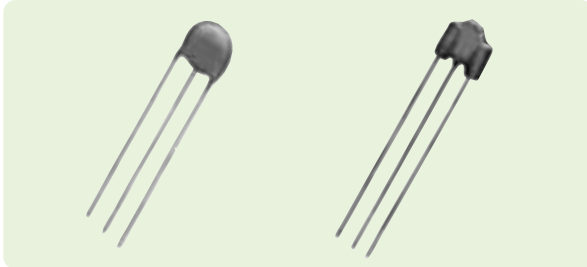


**MURATA type DSN6 & DSS6**

EMIFIL®

A popular range of compact, high performance disc type EMI suppression filters with leads on a 2.5mm pitch. The 3-terminal structure enhances high frequency performance and offers a lower inductance than 2-terminal capacitors. DSS types have ferrite beads on input and output leads. An option of loose or taped and boxed product is provided throughout.

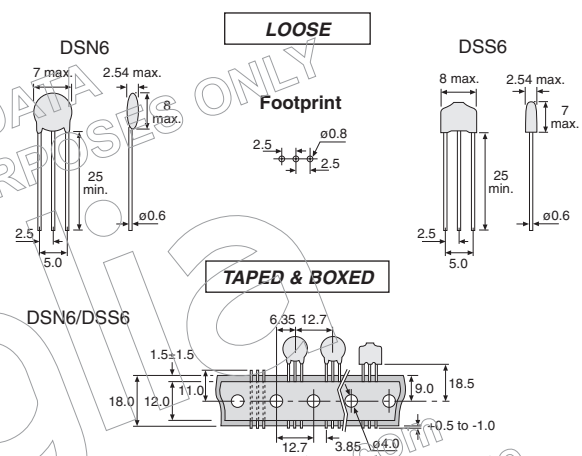


- ◆ Available with or without ferrite beads
- ◆ Compact size
- ◆ Excellent high frequency performance
- ◆ Option of loose or taped & boxed

**Specification**

Current rating..... 6A  
 Capacitance tolerance..... Y5S ±20%  
 FZ ±30% (100Vdc), -20,+80% (50Vdc)  
 F, Y5U -20,+80%  
 Temperature coefficient..... Y5S ±22% over -25°C to +85°C  
 Y5U +20%, -55% over -25°C to +85°C  
 FZ +30%, -85% over -25°C to +85°C  
 F +30%, -80% over -25°C to +85°C  
 Operating temperature range..... -25°C to +85°C

**Dimensions (mm)**



**Without Ferrite Beads MURATA type DSN6**

Value (pF)	Voltage (Vdc)	Dielectric
22	50	Y5S
33	50	Y5S
47	50	Y5S
100	50	Y5S
270	50	Y5S
1000	50	Y5S
2200	50	Y5S
(µF)		
0.01	50	FZ

Manf. Part No. & anglia Order Code	
Loose	Taped
DSN6NC51H220Q55B	DSN6NC51H220Q93A
DSN6NC51H330Q55B	DSN6NC51H330Q93A
DSN6NC51H470Q55B	DSN6NC51H470Q93A
DSN6NC51H101Q55B	DSN6NC51H101Q93A
DSN6NC51H271Q55B	DSN6NC51H271Q93A
DSN6NC51H102Q55B	DSN6NC51H102Q93A
DSN6NC51H222Q55B	DSN6NC51H222Q93A
DSN6NZ81H103Q55B	DSN6NZ81H103Q93A

**With Ferrite Beads MURATA type DSS6 To minimise resonance with surrounding circuits and improve performance.**

Value (pF)	Voltage (Vdc)	Dielectric
22	100	Y5S
33	100	Y5S
47	100	Y5S
100	100	Y5S
150	100	Y5S
220	100	Y5S
270	100	Y5S
470	100	Y5S
1000	100	Y5S
2200	100	Y5U
(µF)		
0.01	100	FZ
0.022	16	F

Manf. Part No. & anglia Order Code	
Loose	Taped
DSS6NC52A220Q55B	DSS6NC52A220Q93A
DSS6NC52A330Q55B	DSS6NC52A330Q93A
DSS6NC52A470Q55B	DSS6NC52A470Q93A
DSS6NC52A101Q55B	DSS6NC52A101Q93A
DSS6NC52A151Q55B	DSS6NC52A151Q93A
DSS6NC52A221Q55B	DSS6NC52A221Q93A
DSS6NC52A271Q55B	DSS6NC52A271Q93A
DSS6NC52A471Q55B	DSS6NC52A471Q93A
DSS6NC52A102Q55B	DSS6NC52A102Q93A
DSS6NE52A222Q55B	DSS6NE52A222Q93A
DSS6NZ82A103Q55B	DSS6NZ82A103Q93A
DSS6NF31C223Q55B	DSS6NF31C223Q93A