

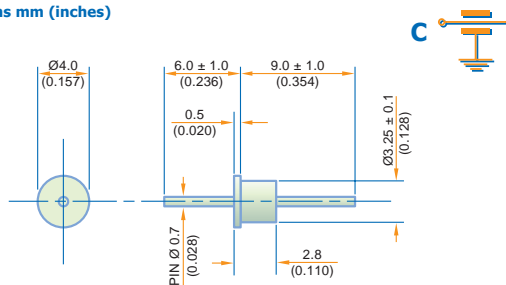
# Solder Mount EMI Filters

## 3.25mm Body Diameter, Epoxy Sealed

**SFST**

Type No.	Capacitance (Z= -20%+80%) (M= +/-20%)	Dielectric Code	Rated Voltage (Vd.c.)	DWV (Vd.c.)
SFSTC5000100ZC0	10pF	C0G	500	750
SFSTC5000150ZC0	15pF	C0G	500	750
SFSTC5000220ZC0	22pF	C0G	500	750
SFSTC5000330ZC0	33pF	C0G	500	750
SFSTC5000470ZC0	47pF	C0G	500	750
SFSTC5000680MC0	68pF	C0G	500	750
SFSTC5000101MC0	100pF	C0G	500	750
SFSTC5000151MC0	150pF	C0G	500	750
SFSTC5000221MX0	220pF	X7R	500	750
SFSTC5000331MX0	330pF	X7R	500	750
SFSTC5000471MX0	470pF	X7R	500	750
SFSTC5000681MX0	680pF	X7R	500	750
SFSTC5000102MX0	1nF	X7R	500	750
SFSTC5000152MX0	1.5nF	X7R	500	750
SFSTC5000222MX0	2.2nF	X7R	500	750
SFSTC5000332MX0	3.3nF	X7R	500	750
SFSTC5000472MX0	4.7nF	X7R	500	750
SFSTC3000682MX0	6.8nF	X7R	300	600
SFSTC2000103MX0	10nF	X7R	200	500
SFSTC1000153MX0	15nF	X7R	100	250
SFSTC0500223MX0	22nF	X7R	50	125
SFSTC0500333MX0	33nF	X7R	50	125

Dimensions mm (inches)



### Electrical details

<b>Electrical Configuration</b>	C Filters
<b>Capacitance Measurement</b>	At 1000hr point
<b>Current Rating</b>	10A
<b>Temperature Rating</b>	-55°C to 125°C

### Mechanical details

<b>Mounting Hole Diameter</b>	3.5mm (0.138")
<b>Max Soldering Temperature</b>	250°C
<b>Temperature Rise</b>	Less than 4°C per second
<b>Soldering Time</b>	10 seconds maximum
<b>Solder Type</b>	SN62 or equivalent
<b>Weight</b>	0.4g typical (0.015oz)
<b>Finish</b>	Silver plate on copper undercoat