

Feedthrough EMI Filters

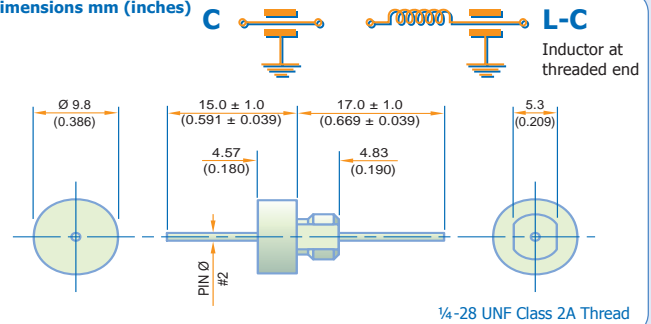
1/4-28 UNF Thread

9.8mm Round Head

SFJE

Type No. (* = Preferred Value)	Capacitance (M= +/-20%)	Dielectric Code	Rated Voltage (Vd.c.)	DWV (Vd.c.)
* SFJE#1 5000103MX1	10nF	X7R	500	750
SFJE#1 5000153MX1	15nF	X7R	500	750
* SFJE#1 5000223MX1	22nF	X7R	500	750
SFJE#1 5000333MX1	33nF	X7R	500	750
* SFJE#1 5000473MX1	47nF	X7R	500	750
SFJE#1 5000683MX1	68nF	X7R	500	750
* SFJE#1 5000104MX1	100nF	X7R	500	750
SFJE#1 5000154MX1	150nF	X7R	500	750
SFJE#1 5000224MX1	220nF	X7R	500	750
* SFJE#1 5000334MX1	330nF	X7R	500	750
SFJE#1 3000474MX1	470nF	X7R	300	600
SFJE#1 2000684MX1	680nF	X7R	200	500
* SFJE#1 1000105MX1	1µF	X7R	100	250
* SFJE#1 1000155MX1	1.5µF	X7R	100	250
* SFJE#1 0500225MX1	2.2µF	X7R	50	125

Dimensions mm (inches)



Electrical details

Electrical Configuration C or L-C Filters
Capacitance Measurement At 1000hr point
Current Rating 10A, 10nF-68nF / 15A, 100nF-2.2µF
Temperature Rating -55°C to 125°C
Ferrite Inductance, typical 0.75µH L-C type.

Mechanical details

Nut A/F 7.92mm (5/16")
Head Diameter 9.8mm (0.386")
Washer Diameter 11.35mm (0.447")
Mounting Torque 0.9 Nm (10.2 lbf in) max.
Mounting Hole Diameter 6.7mm O.D., 5.5mm A/F (0.264" O.D., 0.217" A/F)
Max Panel Thickness 2.3mm (0.091")
Weight 3.0g typical (0.11oz)
Finish Silver plate on copper undercoat



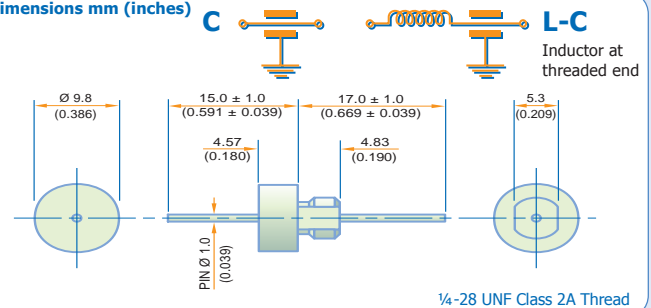
1/4-28 UNF Thread

9.8mm Round Head

SFJE High Voltage

Type No.	Capacitance (M= +/-20%)	Dielectric Code	Rated Voltage (Vd.c.)	DWV (Vd.c.)
SFJE#1 3K00101MC1	100pF	C0G	3kV	3.75kV
SFJE#1 3K00151MC1	150pF	C0G	3kV	3.75kV
SFJE#1 3K00221MC1	220pF	C0G	3kV	3.75kV
SFJE#1 2K00331MC1	330pF	C0G	2kV	2.5kV
SFJE#1 2K00471MC1	470pF	C0G	2kV	2.5kV
SFJE#1 2K00681MC1	680pF	C0G	2kV	2.5kV
SFJE#1 2K00102MC1	1nF	C0G	2kV	2.5kV
SFJE#1 2K00152MX1	1.5nF	X7R	2kV	2.5kV
SFJE#1 2K00222MX1	2.2nF	X7R	2kV	2.5kV
SFJE#1 2K00332MX1	3.3nF	X7R	2kV	2.5kV
SFJE#1 2K00472MX1	4.7nF	X7R	2kV	2.5kV
SFJE#1 2K00682MX1	6.8nF	X7R	2kV	2.5kV
SFJE#1 2K00103MX1	10nF	X7R	2kV	2.5kV
SFJE#1 1K00153MX1	15nF	X7R	1kV	1.5kV
SFJE#1 1K00223MX1	22nF	X7R	1kV	1.5kV
SFJE#1 1K00333MX1	33nF	X7R	1kV	1.5kV
SFJE#1 1K00473MX1	47nF	X7R	1kV	1.5kV
SFJE#1 1K00683MX1	68nF	X7R	1kV	1.5kV

Dimensions mm (inches)



Electrical details

Electrical Configuration C or L-C Filters
Capacitance Measurement At 1000hr point
Current Rating 15A
Temperature Rating -55°C to 125°C
Ferrite Inductance, typical 0.75µH L-C type.

Mechanical details

Nut A/F 7.92mm (5/16")
Head Diameter 9.8mm (0.386")
Washer Diameter 11.35mm (0.447")
Mounting Torque 0.9Nm (10.2 lbf in) max.
Mounting Hole Diameter 6.7mm O.D., 5.5mm A/F (0.264" O.D., 0.217" A/F)
Max Panel Thickness 2.3mm (0.091")
Weight 3.0g typical (0.11oz)
Finish Silver plate on copper undercoat



notes

- #1. For C Filter insert "C", for L-C Filter insert "L".
- #2. Pin Diameter 0.7mm (0.028") 10nF-68nF
1.0mm (0.039") 100nF-2.2µF

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