

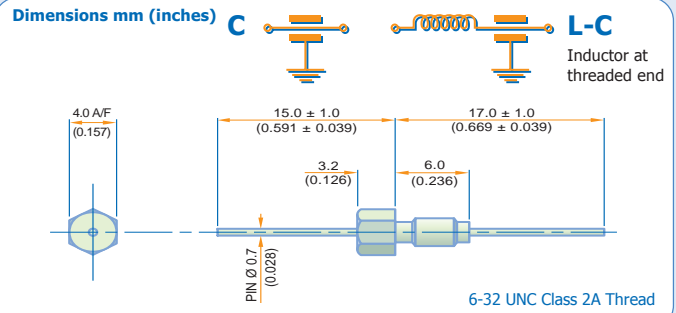
Feedthrough EMI Filters

6-32 UNC Thread

4.0mm Hexagonal Head

SFAB

Type No.	Capacitance	Dielectric Code	Rated Voltage	DWV
(* = Preferred Value)	(Z= -20%+80%) (M = +/-20%)		(Vd.c.)	(Vd.c.)
* SFAB#1 5000100ZC#2	10pF	C0G	500	750
SFAB#1 5000150ZC#2	15pF	C0G	500	750
SFAB#1 5000220ZC#2	22pF	C0G	500	750
SFAB#1 5000330ZC#2	33pF	C0G	500	750
* SFAB#1 5000470ZC#2	47pF	C0G	500	750
* SFAB#1 5000680MC#2	68pF	C0G	500	750
* SFAB#1 5000101MC#2	100pF	C0G	500	750
SFAB#1 5000151MC#2	150pF	C0G	500	750
* SFAB#1 5000221MC#2	220pF	C0G	500	750
* SFAB#1 5000331MC#2	330pF	C0G	500	750
* SFAB#1 5000471MX#2	470pF	X7R	500	750
SFAB#1 5000681MX#2	680pF	X7R	500	750
* SFAB#1 5000102MX#2	1nF	X7R	500	750
SFAB#1 5000152MX#2	1.5nF	X7R	500	750
* SFAB#1 5000222MX#2	2.2nF	X7R	500	750
SFAB#1 5000332MX#2	3.3nF	X7R	500	750
* SFAB#1 5000472MX#2	4.7nF	X7R	500	750
SFAB#1 5000682MX#2	6.8nF	X7R	500	750
* SFAB#1 2000103MX#2	10nF	X7R	200	500
* SFAB#1 2000153MX#2	15nF	X7R	200	500
* SFAB#1 1000223MX#2	22nF	X7R	100	250
SFAB#1 0500333MX#2	33nF	X7R	50	125
* SFAB#1 0500473MX#2	47nF	X7R	50	125



Electrical details

Electrical Configuration	C or L-C Filters
Capacitance Measurement	At 1000hr point
Current Rating	10A
Temperature Rating	-55°C to 125°C
Ferrite Inductance, typical	0.5µH L-C type

Mechanical details

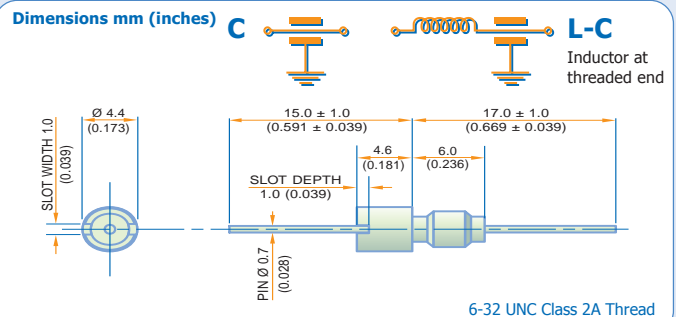
Nut A/F	4.75mm (3/16")
Head A/F	4mm (5/32")
Washer Diameter	6.9mm (0.272")
Mounting Torque	0.3 Nm (3.4 lbf in) max. If using nut 0.15 Nm (1.7 lbf in) max. Into tapped hole
Mounting Hole Diameter	3.7mm ± 0.1 (0.146" ± 0.004")
Max Panel Thickness	3.2mm (0.126")
Weight	0.6g typical (0.02oz)
Finish	Silver plate on copper undercoat

6-32 UNC Thread

4.4mm Round Head

SFKB

Type No.	Capacitance	Dielectric Code	Rated Voltage	DWV
(* = Preferred Value)	(Z= -20%+80%) (M = +/-20%)		(Vd.c.)	(Vd.c.)
* SFKB#1 5000100ZC0	10pF	C0G	500	750
SFKB#1 5000150ZC0	15pF	C0G	500	750
SFKB#1 5000220ZC0	22pF	C0G	500	750
SFKB#1 5000330ZC0	33pF	C0G	500	750
* SFKB#1 5000470ZC0	47pF	C0G	500	750
* SFKB#1 5000680MC0	68pF	C0G	500	750
* SFKB#1 5000101MC0	100pF	C0G	500	750
SFKB#1 5000151MC0	150pF	C0G	500	750
* SFKB#1 5000221MC0	220pF	C0G	500	750
* SFKB#1 5000331MC0	330pF	C0G	500	750
* SFKB#1 5000471MX0	470pF	X7R	500	750
SFKB#1 5000681MX0	680pF	X7R	500	750
* SFKB#1 5000102MX0	1nF	X7R	500	750
SFKB#1 5000152MX0	1.5nF	X7R	500	750
* SFKB#1 5000222MX0	2.2nF	X7R	500	750
SFKB#1 5000332MX0	3.3nF	X7R	500	750
* SFKB#1 5000472MX0	4.7nF	X7R	500	750
SFKB#1 5000682MX0	6.8nF	X7R	500	750
* SFKB#1 2000103MX0	10nF	X7R	200	500
* SFKB#1 2000153MX0	15nF	X7R	200	500
* SFKB#1 1000223MX0	22nF	X7R	100	250
SFKB#1 0500333MX0	33nF	X7R	50	125
* SFKB#1 0500473MX0	47nF	X7R	50	125



Electrical details

Electrical Configuration	C or L-C Filters
Capacitance Measurement	At 1000hr point
Current Rating	10A
Temperature Rating	-55°C to 125°C
Ferrite Inductance, typical	0.5µH L-C type

Mechanical details

Nut A/F	N/A. For use in tapped hole
Head Diameter	4.4mm (0.173")
Washer Diameter	N/A
Mounting Torque	0.15 Nm (1.7 lbf in) max.
Mounting Hole Diameter	N/A
Max Panel Thickness	N/A
Weight	0.8g typical (0.03oz)
Finish	Silver plate on copper undercoat

notes

- For details of ordering see page 85.
- For Insertion Loss information see page 84.
#1. For C Filter insert "C", for L-C Filter insert "L".
#2. For nuts and washers insert "1". For none insert "0".