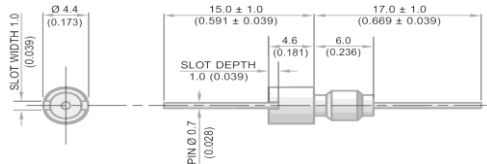


Circuit Configurations Available



Dimensions mm (inches)



6-32 UNC Class 2A Thread

Electrical Details

Electrical Configuration	C Filter
Capacitance Measurement	@ 1000hr Point
Current Rating	10A
Insulation Resistance (IR)	10GΩ or 1000ΩF
Temperature Rating	-55°C to +125°C
Ferrite Inductance (Typical)	See relevant tables

Mechanical Details

Head Diameter	4.4mm (0.173")
Nut A/F	N/a. For use in tapped hole
Washer Diameter	N/a
Mounting Torque	0.15Nm (1.32lbf in) max.
Mounting Hole	6-32 UNC Class 2B
Max. Panel Thickness	N/a
Weight (Typical)	0.8g (0.03oz)
Finish	Silver plate on copper undercoat

C Configuration

Product Code	Capacitance ± 20% UOS	Dielectric	Rated Voltage (dc)	DWV (dc)	Typical Insertion Loss (db)					
					0.01MHz	0.1MHz	1MHz	10MHz	100MHz	1GHz
* SFKBC5000100ZC0	10pF -20% / +80%	C0G	500#	750						4
SFKBC5000150ZC0	15pF -20% / +80%	C0G	500#	750						7
SFKBC5000220ZC0	22pF -20% / +80%	C0G	500#	750						10
SFKBC5000330ZC0	33pF -20% / +80%	C0G	500#	750						12
* SFKBC5000470ZC0	47pF -20% / +80%	C0G	500#	750					1	15
* SFKBC5000680MC0	68pF	C0G	500#	750					2	18
* SFKBC5000101MC0	100pF	C0G	500#	750					4	22
SFKBC5000151MC0	150pF	C0G	500#	750					7	25
* SFKBC5000221MC0	220pF	C0G	500#	750					10	29
* SFKBC5000331MC0	330pF	C0G	500#	750					13	33
* SFKBC5000471MX0	470pF	† X7R	500#	750				1	16	35
SFKBC5000681MX0	680pF	† X7R	500#	750				2	19	36
* SFKBC5000102MX0	1.0nF	X7R	500#	750				4	23	41
SFKBC5000152MX0	1.5nF	X7R	500#	750				7	26	45
* SFKBC5000222MX0	2.2nF	X7R	500#	750				10	30	50
SFKBC5000332MX0	3.3nF	X7R	500#	750				13	33	52
* SFKBC5000472MX0	4.7nF	X7R	500#	750			1	16	36	55
SFKBC5000682MX0	6.8nF	X7R	500#	750			2	19	39	57
* SFKBC5000103MX0	10nF	X7R	500#	750			4	22	41	60
* SFKBC5000153MX0	15nF	X7R	500#	750			7	25	44	62
* SFKBC5000223MX0	22nF	X7R	500#	750			10	29	46	65
SFKBC5000333MX0	33nF	X7R	500#	750			13	33	48	68
* SFKBC2000473MX0	47nF	X7R	200	500		1	16	35	50	70
SFKBC2000683MX0	68.0nF	X7R	200	500		2	19	39	54	>70
*SFKBC1000104MX0	100nF	X7R	100	250		4	22	41	57	>70
*SFKBC5000154MX0	150nF	X7R	50	125		7	25	45	60	>70

- Also rated for operation at 115Vac 400Hz. Self-heating will occur – evaluation in situ recommended

* Recommended values

† Also available in C0G

