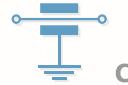


**12-32 UNEF Class 2A Thread
6.35mm Hexagonal Head**

Electrical Details

Electrical Configuration	C Filter
Capacitance Measurement	@ 1000hr Point
Current Rating	10A
Insulation Resistance (IR)	10GΩ or 1000MΩ
Temperature Rating	-55°C to +125°C
Ferrite Inductance (Typical)	Not Applicable



Mechanical Details

Head Diameter	6.35mm (0.250")
Nut A/F	7.92mm (0.312")
Washer Diameter	9.40mm (0.370")
Mounting Torque	0.6Nm (5.31lbf in) max. if using nut 0.3Nm (2.65lbf in) max. into tapped hole
Mounting Hole Diameter	5.7mm ± 0.1 (0.224" ± 0.004")
Max. Panel Thickness	3.9mm (0.154")
Weight (Typical)	1.8g (0.06oz)
Finish	Silver plate on copper undercoat

Product Code	Capacitance (±20%) UOS	Dielectric	Rated Voltage (Vdc)	DWV (Vdc)	Typical No-Load Insertion Loss (dB)					
					0.01MHz	0.1MHz	1MHz	10MHz	100MHz	1GHz
*SFCDC5000100ZC	10pF -20% / +80%	C0G/NP0	500#	750	-	-	-	-	-	4
SFCDC5000150ZC	15pF -20% / +80%				-	-	-	-	-	7
SFCDC5000220ZC	22pF -20% / +80%				-	-	-	-	-	10
SFCDC5000330ZC	33pF -20% / +80%				-	-	-	-	-	12
*SFCDC5000470ZC	47pF -20% / +80%				-	-	-	-	-	15
*SFCDC5000680MC	68pF				-	-	-	-	-	18
*SFCDC5000101MC	100pF				-	-	-	-	-	22
SFCDC5000151MC	150pF				-	-	-	-	-	25
*SFCDC5000221MC	220pF				-	-	-	-	-	29
*SFCDC5000331MC	330pF				-	-	-	-	-	33
*SFCDC5000471MX	470pF	†X7R	200	500	-	-	-	-	-	1
SFCDC5000681MX	680pF				-	-	-	-	-	16
*SFCDC5000102MX	1.0nF	X7R	100	250	-	-	-	-	-	35
SFCDC5000152MX	1.5nF				-	-	-	-	-	19
*SFCDC5000222MX	2.2nF				-	-	-	-	-	29
SFCDC5000332MX	3.3nF				-	-	-	-	-	36
*SFCDC5000472MX	4.7nF				-	-	-	-	-	36
SFCDC5000682MX	6.8nF				-	-	-	-	-	55
*SFCDC5000103MX	10nF				-	-	-	-	-	57
*SFCDC5000153MX	15nF				-	-	-	-	-	60
*SFCDC5000223MX	22nF				-	-	-	-	-	62
SFCDC5000333MX	33nF				-	-	-	-	-	65
*SFCDC5000473MX	47nF				-	-	-	-	-	68
SFCDC5000683MX	68nF				-	-	-	-	-	70
SFCDC5000104MX	100nF				-	-	-	-	-	>70
SFCDC5000154MX	150nF				-	-	-	-	-	>70
*SFCDC2000224MX	220nF				-	-	-	-	-	>70
SFCDC1000334MX	330nF				-	-	-	-	-	>70
*SFCDC1000474MX	470nF				-	-	-	-	-	>70
SFCDC0500684MX	680nF				-	-	-	-	-	>70

Also rated for operation at 115Vac 400Hz. Self heating will occur - evaluation in situ recommended. * Recommended values. † Also available in C0G/NPO.

Ordering Information - SFCDC range

SF	C	D	C	500	0102		M	X	0
Type	Case style	Thread	Electrical configuration	Voltage (dc)	Capacitance in picofarads (pF)		Tolerance	Dielectric	Nuts & Washers
Syfer Filter	6.35mm Hex Head	12-32 UNEF	C = C Filter	050 = 50V 100 = 100V 200 = 200V 500 = 500V	First digit is 0. Second and third digits are significant figures of capacitance code. The fourth digit is number of zeros following Example: 0101 = 100pF 0332 = 3300pF		M = ±20% Z = -20+80%	C = C0G/NPO X = X7R	0 = Without 1 = With

Note: The addition of a 4-digit numerical suffix code can be used to denote changes to the standard part.
Options include for example: change of finish / alternative voltage rating / non-standard intermediate capacitance values / test requirements. Please refer specific requests to the factory.



12-32 UNEF Class 2A Thread 6.35mm Hexagonal Head	
6.35 A/F (0.250)	15.0 ± 1.0 (0.591 ± 0.039)
PIN Ø 0.7 (0.028)	17.0 ± 1.0 (0.669 ± 0.039)
5.0 (0.197)	7.0 (0.276)

Electrical Details

Electrical Configuration	L-C Filter
Capacitance Measurement	@ 1000hr Point
Current Rating	10A
Insulation Resistance (IR)	10GΩ or 1000MΩ
Temperature Rating	-55°C to +125°C
Ferrite Inductance (Typical)	500nH



Mechanical Details

Head Diameter	6.35mm (0.250")
Nut A/F	7.92mm (0.312")
Washer Diameter	9.40mm (0.370")
Mounting Torque	0.6Nm (5.31lbf in) max. if using nut 0.3Nm (2.65lbf in) max. into tapped hole
Mounting Hole Diameter	5.7mm ± 0.1 (0.224" ± 0.004")
Max. Panel Thickness	3.9mm (0.154")
Weight (Typical)	1.8g (0.06oz)
Finish	Silver plate on copper undercoat

Product Code	Capacitance (±20% UOS)	Dielectric	Rated Voltage (Vdc)	DWV (Vdc)	Typical No-Load Insertion Loss (dB)					
					0.01MHz	0.1MHz	1MHz	10MHz	100MHz	1GHz
*SFCDL5000100ZC	10pF -20% / +80%	COG/NP0	500#	750	-	-	-	-	-	6
SFCDL5000150ZC	15pF -20% / +80%				-	-	-	-	-	9
SFCDL5000220ZC	22pF -20% / +80%				-	-	-	-	-	12
SFCDL5000330ZC	33pF -20% / +80%				-	-	-	-	1	15
*SFCDL5000470ZC	47pF -20% / +80%				-	-	-	-	2	19
*SFCDL5000680MC	68pF				-	-	-	-	4	20
*SFCDL5000101MC	100pF				-	-	-	-	7	24
SFCDL5000151MC	150pF				-	-	-	-	10	27
*SFCDL5000221MC	220pF				-	-	-	-	12	30
*SFCDL5000331MC	330pF				-	-	-	1	16	34
*SFCDL5000471MX	470pF	+X7R	500#	750	-	-	-	2	19	38
SFCDL5000681MX	680pF				-	-	-	3	22	41
*SFCDL5000102MX	1.0nF				-	-	-	6	25	44
SFCDL5000152MX	1.5nF				-	-	-	9	29	48
*SFCDL5000222MX	2.2nF				-	-	-	12	31	51
SFCDL5000332MX	3.3nF				-	-	-	15	35	54
*SFCDL5000472MX	4.7nF				-	-	1	18	39	57
SFCDL5000682MX	6.8nF				-	-	2	21	41	60
*SFCDL5000103MX	10nF				-	-	4	23	43	63
*SFCDL5000153MX	15nF				-	-	7	27	46	66
*SFCDL5000223MX	22nF	X7R	500#	750	-	-	10	30	48	68
SFCDL5000333MX	33nF				-	-	13	34	50	70
*SFCDL5000473MX	47nF				-	1	17	37	51	>70
SFCDL5000683MX	68nF				-	2	20	40	55	>70
SFCDL5000104MX	100nF				-	4	22	44	60	>70
SFCDL5000154MX	150nF				-	7	25	47	62	>70
*SFCDL2000224MX	220nF				200	500	-	29	49	66
SFCDL1000334MX	330nF				100	250	-	33	52	68
*SFCDL1000474MX	470nF				50	125	1	16	35	>70
SFCDL0500684MX	680nF				2	19	38	58	70	>70

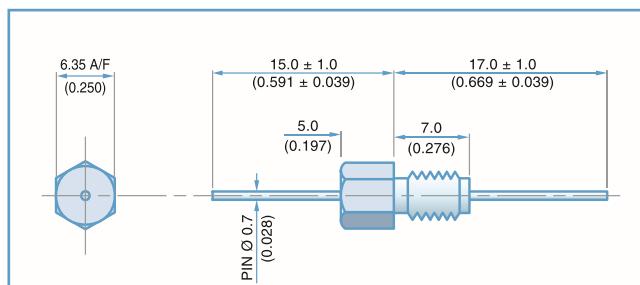
Also rated for operation at 115Vac 400Hz. Self heating will occur - evaluation in situ recommended. * Recommended values. † Also available in COG/NP0.

Ordering Information - SFCDL range

SF	C	D	L	500	0101		M	C	0
Type	Case style	Thread	Electrical configuration	Voltage (dc)	Capacitance in picofarads (pF)		Tolerance	Dielectric	Nuts & Washers
Syfer Filter	6.35mm Hex Head	12-32 UNEF	L = L-C Filter	050 = 50V 100 = 100V 200 = 200V 500 = 500V	First digit is 0. Second and third digits are significant figures of capacitance code. The fourth digit is number of zeros following Example: 0101 = 100pF 0332 = 3300pF	M = ±20% Z = -20+80%	C = COG/NP0 X = X7R	0 = Without 1 = With	

Note: The addition of a 4-digit numerical suffix code can be used to denote changes to the standard part.

Options include for example: change of finish / alternative voltage rating / non-standard intermediate capacitance values / test requirements. Please refer specific requests to the factory.



**12-32 UNEF Class 2A Thread
6.35mm Hexagonal Head**

Electrical Details

Electrical Configuration	Pi Filter
Capacitance Measurement	@ 1000hr Point
Current Rating	10A
Insulation Resistance (IR)	10GΩ or 1000MΩ
Temperature Rating	-55°C to +125°C
Ferrite Inductance (Typical)	250nH



Mechanical Details

Head Diameter	6.35mm (0.250")
Nut A/F	7.92mm (0.312")
Washer Diameter	9.40mm (0.370")
Mounting Torque	0.6Nm (5.31lbf in) max. if using nut 0.3Nm (2.65lbf in) max. into tapped hole
Mounting Hole Diameter	5.7mm ± 0.1 (0.224" ± 0.004")
Max. Panel Thickness	3.9mm (0.154")
Weight (Typical)	1.8g (0.06oz)
Finish	Silver plate on copper undercoat

Product Code	Capacitance (±20%) UOS	Dielectric	Rated Voltage (Vdc)	DWV (Vdc)	Typical No-Load Insertion Loss (dB)					
					0.01MHz	0.1MHz	1MHz	10MHz	100MHz	1GHz
*SFCDP5000200ZC	20pF -20% / +80%	COG/NP0	500#	750					1	11
SFCDP5000300ZC	30pF -20% / +80%								2	15
SFCDP5000440ZC	44pF -20% / +80%								3	19
SFCDP5000660ZC	66pF -20% / +80%								4	23
*SFCDP5000940ZC	94pF -20% / +80%								6	29
*SFCDP500136PMC	136pF								8	35
*SFCDP500201MC	200pF								11	41
SFCDP5000301MC	300pF								1	15
*SFCDP5000441MC	440pF								2	20
*SFCDP5000661MC	660pF								3	25
*SFCDP5000941MX	940pF	†X7R	500#	750					5	31
SFCDP5001N36MX	1.36nF								7	37
*SFCDP5000202MX	2nF	X7R	200	500					10	>70
SFCDP5000302MX	3nF								13	>70
*SFCDP5000442MX	4.4nF								1	17
SFCDP5000662MX	6.6nF								2	21
*SFCDP5000942MX	9.4nF								4	27
SFCDP50013N6MX	13.6nF								6	34
*SFCDP5000203MX	20nF								9	40
*SFCDP5000303MX	30nF								12	48
*SFCDP5000443MX	44nF								1	14
SFCDP5000663MX	66nF								2	17
*SFCDP2000943MX	94nF								4	18
SFCDP200136NMX	136nF								8	25
*SFCDP1000204MX	200nF								10	>70
*SFCDP5000304MX	300nF								13	>70

Also rated for operation at 115Vac 400Hz. Self heating will occur - evaluation in situ recommended. * Recommended values. † Also available in COG/NP0.

Ordering Information - SFCDP range

SF	C	D	P	200	0943		M	X	O
Type	Case style	Thread	Electrical configuration	Voltage (dc)	Capacitance in picofarads (pF)		Tolerance	Dielectric	Nuts & Washers
Syfer Filter	6.35mm Hex Head	12-32 UNEF	Pi = Pi Filter	050 = 50V 100 = 100V 200 = 200V 500 = 500V	First digit is 0. Second and third digits are significant figures of capacitance code. The fourth digit is number of zeros following Example: 0201 = 200pF 0943 = 940pF	M = ±20% Z = -20+80%	C = COG/NP0 X = X7R	0 = Without 1 = With	

Note: The addition of a 4-digit numerical suffix code can be used to denote changes to the standard part.
Options include for example: change of finish / alternative voltage rating / non-standard intermediate capacitance values / test requirements. Please refer specific requests to the factory.

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