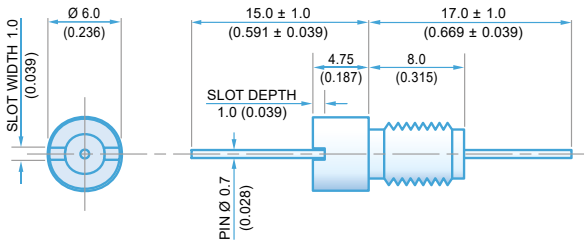
THE DATASHEET OF

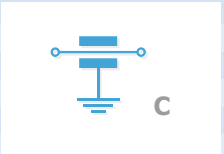
SFLMP5001N36MX0



M5 x 0.8 - 6g Thread
6.0mm Round Head

Electrical Details

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



Mechanical Details

Head Diameter	6.0mm *(0.236")*
Nut A/F	N/A. For use in tapped hole
Washer Diameter	N/A
Mounting Torque	0.3Nm *(2.65lbf in)* max.
Mounting Hole	M5 x 0.8 - 6h
Max. Panel Thickness	N/A
Weight (Typical)	2.0g *(0.07oz)*
Finish	Silver plate on copper undercoat

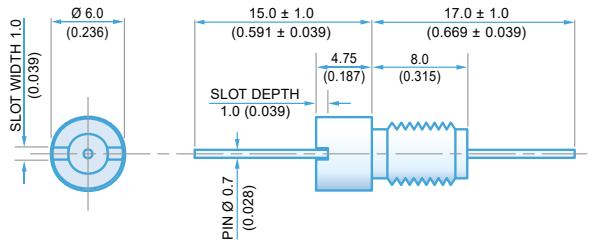
Product Code	Capacitance (±20%) UOS	Dielectric	Rated Voltage (Vdc)	DWV (Vdc)	Typical No-Load Insertion Loss (dB)					
					0.01MHz	0.1MHz	1MHz	10MHz	100MHz	1GHz
*SFLMC5000100ZC	10pF -20% / +80%	C0G/NP0	500#	750						4
SFLMC5000150ZC	15pF -20% / +80%									7
SFLMC5000220ZC	22pF -20% / +80%									10
SFLMC5000330ZC	33pF -20% / +80%									12
*SFLMC5000470ZC	47pF -20% / +80%								1	15
*SFLMC5000680MC	68pF								2	18
*SFLMC5000101MC	100pF								4	22
SFLMC5000151MC	150pF								7	25
*SFLMC5000221MC	220pF								10	29
*SFLMC5000331MC	330pF								13	33
*SFLMC5000471MX	470pF	†X7R						1	16	35
SFLMC5000681MX	680pF							2	19	36
*SFLMC5000102MX	1.0nF	X7R						4	23	41
SFLMC5000152MX	1.5nF							7	26	45
*SFLMC5000222MX	2.2nF							10	30	50
SFLMC5000332MX	3.3nF							13	33	52
*SFLMC5000472MX	4.7nF						1	16	36	55
SFLMC5000682MX	6.8nF						2	19	39	57
*SFLMC5000103MX	10nF						4	22	41	60
*SFLMC5000153MX	15nF						7	25	44	62
*SFLMC5000223MX	22nF						10	29	46	65
SFLMC5000333MX	33nF						13	33	48	68
*SFLMC2000473MX	47nF		200	500		1	16	35	50	70
SFLMC2000683MX	68nF					2	19	39	54	>70
*SFLMC1000104MX	100nF		100	250		4	22	41	57	>70
*SFLMC0500154MX	150nF		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/NP0.

Ordering Information - SFLMC range

SF	L	M	C	500	0101	M	C	0
Type	**Case style**	**Thread**	**Electrical configuration**	**Voltage (dc)**	**Capacitance in picofarads (pF)**	**Tolerance**	**Dielectric**	**Nuts & Washers**
Syfer Filter	6.0mm O.D.	M5	**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/NP0 **X** = X7R	**0** = Without

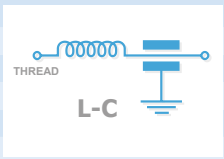
Note: Installation tool available on request
Note: The addition of a 4-digit numerical suffix code can be used to denote changes to the standard part.
Options include for example: change of finish / alternative voltage rating / non-standard intermediate capacitance values / test requirements. Please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



M5 x 0.8 - 6g Thread
6.0mm Round Head

Electrical Details

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



Mechanical Details

Head Diameter	6.0mm *(0.236")*
Nut A/F	N/A. For use in tapped hole
Washer Diameter	N/A
Mounting Torque	0.3Nm *(2.65lbf in)* max.
Mounting Hole	M5 x 0.8 - 6h
Max. Panel Thickness	N/A
Weight (Typical)	2.0g *(0.07oz)*
Finish	Silver plate on copper undercoat

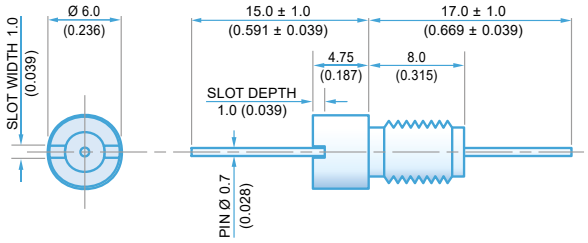
Product Code	Capacitance (±20%) UOS	Dielectric	Rated Voltage (Vdc)	DWV (Vdc)	Typical No-Load Insertion Loss (dB)					
					0.01MHz	0.1MHz	1MHz	10MHz	100MHz	1GHz
*SFLML5000100ZC	10pF -20% / +80%	C0G/NP0	500#	750						6
SFLML5000150ZC	15pF -20% / +80%									9
SFLML5000220ZC	22pF -20% / +80%									12
SFLML5000330ZC	33pF -20% / +80%								1	15
*SFLML5000470ZC	47pF -20% / +80%								2	19
*SFLML5000680MC	68pF								4	20
*SFLML5000101MC	100pF								7	24
SFLML5000151MC	150pF								10	27
*SFLML5000221MC	220pF								12	30
*SFLML5000331MC	330pF							1	16	34
*SFLML5000471MX	470pF	†X7R						2	19	38
SFLML5000681MX	680pF							3	22	41
*SFLML5000102MX	1.0nF	X7R						6	25	44
SFLML5000152MX	1.5nF							9	29	48
*SFLML5000222MX	2.2nF							12	31	51
SFLML5000332MX	3.3nF							15	35	54
*SFLML5000472MX	4.7nF						1	18	39	57
SFLML5000682MX	6.8nF						2	21	41	60
*SFLML5000103MX	10nF						4	23	43	63
*SFLML5000153MX	15nF						7	27	46	66
*SFLML5000223MX	22nF						10	30	48	68
SFLML5000333MX	33nF						13	34	50	70
*SFLML2000473MX	47nF		200	500		1	17	37	51	>70
SFLML2000683MX	68nF					2	20	40	55	>70
*SFLML1000104MX	100nF		100	250		4	22	44	60	>70
*SFLML0500154MX	150nF		50	125		7	25	47	62	>70

Also rated for operation at 115Vac 400Hz. Self-heating will occur – evaluation in situ recommended. * Recommended values. † Also available in C0G/NP0.

Ordering Information - SFLML range

SF	L	M	L	500	0101	M	C	0
Type	**Case style**	**Thread**	**Electrical configuration**	**Voltage (dc)**	**Capacitance in picofarads (pF)**	**Tolerance**	**Dielectric**	**Nuts & Washers**
Syfer Filter	6.0mm O.D.	M5	**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** = C0G/NP0 **X** = X7R	**0** = Without

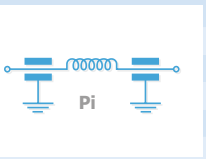
Note: Installation tool available on request
Note: The addition of a 4-digit numerical suffix code can be used to denote changes to the standard part.
Options include for example: change of finish / alternative voltage rating / non-standard intermediate capacitance values / test requirements. Please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



M5 x 0.8 - 6g Thread
6.0mm Round Head

Electrical Details

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



Mechanical Details

Head Diameter	6.0mm *(0.236")*
Nut A/F	N/A. For use in tapped hole
Washer Diameter	N/A
Mounting Torque	0.3Nm *(2.65lbf in)* max.
Mounting Hole	M5 x 0.8 - 6h
Max. Panel Thickness	N/A
Weight (Typical)	2.0g *(0.07oz)*
Finish	Silver plate on copper undercoat

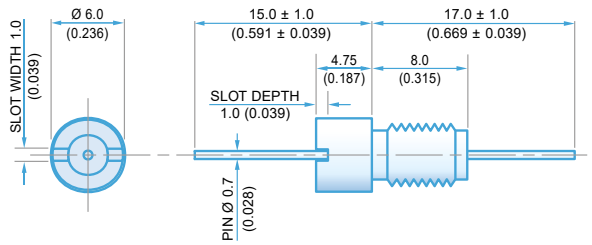
Product Code	Capacitance (±20%) UOS	Dielectric	Rated Voltage (Vdc)	DWV (Vdc)	Typical No-Load Insertion Loss (dB)					
					0.01MHz	0.1MHz	1MHz	10MHz	100MHz	1GHz
*SFLMP5000200ZC	20pF -20% / +80%	C0G/NP0	500#	750					1	11
SFLMP5000300ZC	30pF -20% / +80%								2	15
SFLMP5000440ZC	44pF -20% / +80%								3	19
SFLMP5000660ZC	66pF -20% / +80%								4	23
*SFLMP5000940ZC	94pF -20% / +80%								6	29
*SFLMP500136PMC	136pF								8	35
*SFLMP5000201MC	200pF								11	41
SFLMP5000301MC	300pF							1	15	50
*SFLMP5000441MC	440pF							2	20	57
*SFLMP5000661MC	660pF							3	25	65
*SFLMP5000941MX	940pF	†X7R						5	31	68
SFLMP5001N36MX	1.36nF							7	37	>70
*SFLMP5000202MX	2nF	X7R						10	44	>70
SFLMP5000302MX	3nF							13	51	>70
*SFLMP5000442MX	4.4nF						1	17	59	>70
SFLMP5000662MX	6.6nF						2	21	64	>70
*SFLMP5000942MX	9.4nF						4	27	68	>70
SFLMP50013N6MX	13.6nF						6	34	>70	>70
*SFLMP5000203MX	20nF						9	40	>70	>70
*SFLMP5000303MX	30nF						12	48	>70	>70
*SFLMP5000443MX	44nF					1	14	54	>70	>70
SFLMP5000663MX	66nF					2	17	63	>70	>70
*SFLMP2000943MX	94nF		200	500		4	18	68	>70	>70
SFLMP200136NMX	136nF					8	25	>70	>70	>70
*SFLMP1000204MX	200nF		100	250		10	27	>70	>70	>70
*SFLMP0500304MX	300nF		50	125		13	30	>70	>70	>70

Also rated for operation at 115Vac 400Hz. Self-heating will occur – evaluation in situ recommended. * Recommended values. † Also available in C0G/NP0.

Ordering Information - SFLMP range

SF	L	M	P	050	0304	M	X	0
Type	**Case style**	**Thread**	**Electrical configuration**	**Voltage (dc)**	**Capacitance in picofarads (pF)**	**Tolerance**	**Dielectric**	**Nuts & Washers**
Syfer Filter	6.0mm O.D.	M5	**P** = 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: **0101** = 100pF **0332** = 3300pF	**M** = ±20% **Z** = -20+80%	**C** = C0G/NP0 **X** = X7R	**0** = Without

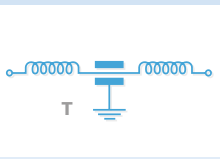
Note: Installation tool available on request
Note: The addition of a 4-digit numerical suffix code can be used to denote changes to the standard part.
Options include for example: change of finish / alternative voltage rating / non-standard intermediate capacitance values / test requirements. Please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



M5 x 0.8 - 6g Thread
6.0mm Round Head

Electrical Details

Electrical Configuration	T Filter
Capacitance Measurement	@ 1000hr Point
Current Rating	10A
Insulation Resistance (IR)	10GΩ or 1000ΩF
Temperature Rating	-55ºC to +125ºC
Ferrite Inductance (Typical)	450nH



Mechanical Details

Head Diameter	6.0mm *(0.236")*
Nut A/F	N/a. For use in tapped hole
Washer Diameter	N/a
Mounting Torque	0.3Nm *(2.65lbf in)* max.
Mounting Hole	M5 x 0.8 - 6h
Max. Panel Thickness	N/a
Weight (Typical)	2.0g *(0.07oz)*
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
*SFLMT5000100ZC	10pF -20% / +80%	C0G/NP0	500#	750						9
SFLMT5000150ZC	15pF -20% / +80%									11
SFLMT5000220ZC	22pF -20% / +80%								1	14
SFLMT5000330ZC	33pF -20% / +80%								2	18
*SFLMT5000470ZC	47pF -20% / +80%								4	20
*SFLMT5000680MC	68pF								6	23
*SFLMT5000101MC	100pF								9	27
SFLMT5000151MC	150pF								12	30
*SFLMT5000221MC	220pF								15	33
*SFLMT5000331MC	330pF							1	19	36
*SFLMT5000471MX	470pF	†X7R						2	21	40
SFLMT5000681MX	680pF							4	24	43
*SFLMT5000102MX	1.0nF	X7R						7	28	47
SFLMT5000152MX	1.5nF							10	30	50
*SFLMT5000222MX	2.2nF							13	34	53
SFLMT5000332MX	3.3nF							17	38	57
*SFLMT5000472MX	4.7nF							19	40	59
SFLMT5000682MX	6.8nF						1	23	43	63
*SFLMT5000103MX	10nF						4	26	45	66
*SFLMT5000153MX	15nF						7	29	47	68
*SFLMT5000223MX	22nF						10	33	49	70
SFLMT5000333MX	33nF						14	36	50	>70
*SFLMT2000473MX	47nF		200	500		1	17	39	52	>70
*SFLMT2000683MX	68nF					2	20	42	57	>70
*SFLMT1000104MX	100nF		100	250		4	22	46	62	>70
*SFLMT0500154MX	150nF		50	125		7	25	49	68	>70

Also rated for operation at 115Vac 400Hz. Self- heating will occur – evaluation in situ recommended. * Recommended values. † Also available in C0G/NP0.

Ordering Information - SFLMT range

SF	L	M	T	500	0101	M	C	0
Type	Case style	Thread	Electrical configuration	Voltage (dc)	Capacitance in picofarads (pF)	Tolerance	Dielectric	Nuts & Washers
Syfer Filter	6.0mm O.D.	M5	**T** = T 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/NP0 **X** = X7R	**0** = Without

Note: Installation tool available on request
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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