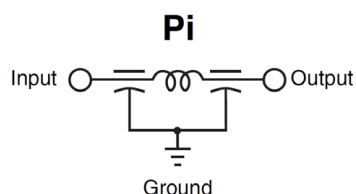


Square Surface Mount (SSM) & Round Surface Mount (RSM) Filters

Low Pass EMI Filters

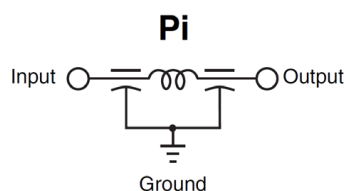
SSM Series



Working Voltage	100 VDC
Test Voltage	250 VDC
Current	Max. 10 Amps
Insulation Resistance	Min. 10^4 M Ω
Terminations	Silver Ni-Tin Plated
Soldering Conditions	Max. 250°C -5 sec.
Marking	None
Packaging	Bulk or tape and reel

Note: Insertion loss shown for the following SSM values* only:
101Z, 501P, and 202P

RSM Series

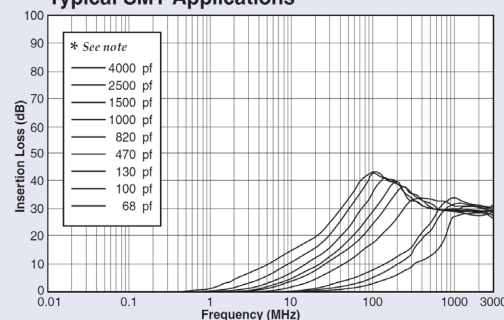


Working Voltage	100 VDC
Test Voltage	250 VDC
Current	Max. 10 Amps
Insulation Resistance	Min. 10^4 M Ω
Terminations	Silver Ni-Tin Plated
Soldering Conditions	Max. 250°C -5 sec.
Marking	None
Packaging	Bulk or tape and reel

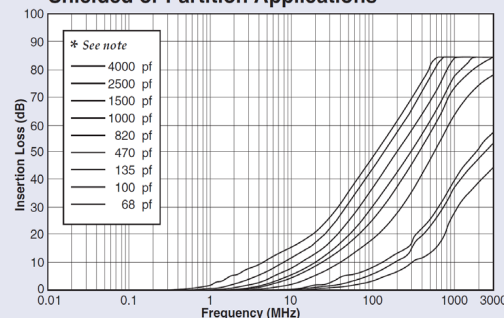
Note: Insertion loss shown for the following RSM values only:
152P and 402Z

Pi Insertion Loss

Typical SMT Applications

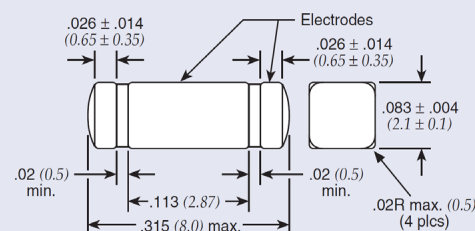


Shielded or Partition Applications

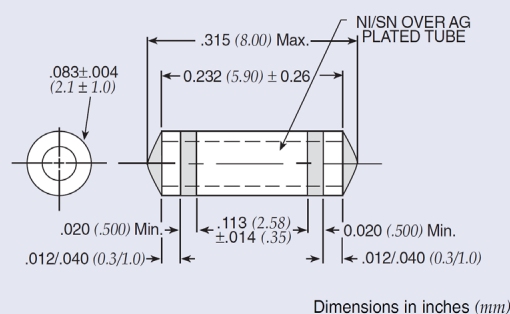


*Capacitance values for IL curves are displayed left to right in the order shown. Additional IL charts available by request.

SSM



RSM



Dimensions in inches (mm)

Square Surface Mount (SSM) & Round Surface Mount (RSM) Filters

Low Pass EMI Filters

SSM & RSM Ordering Information

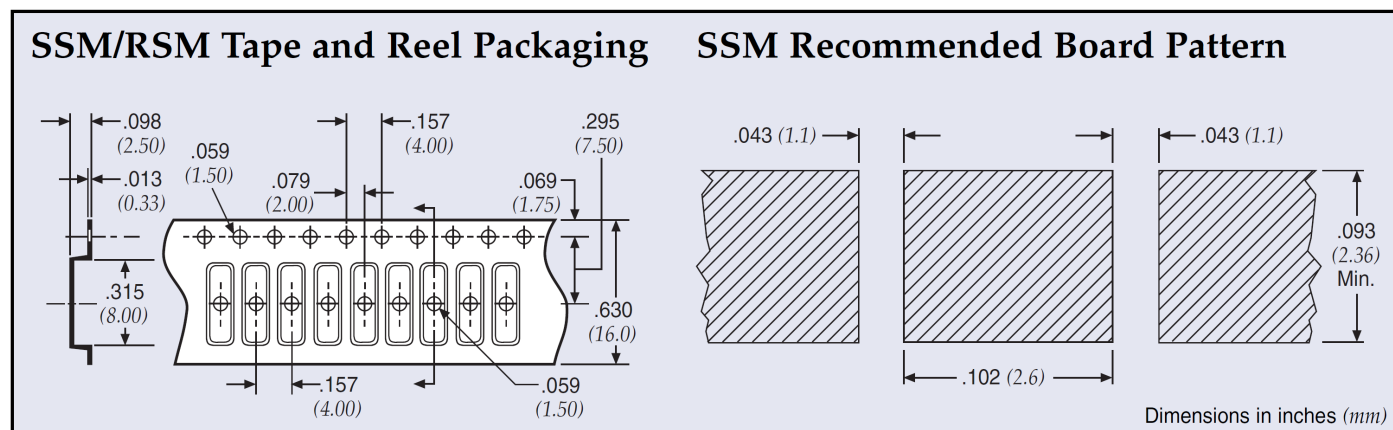
Example: SSM1-101Z-05T

SSM	1	101Z	05	T	1
	Circuit Configuration 1 - Pi		Current Rating 05 - 5 Amps 10 - 10 Amps		Tape and Reel 1 = 1,000 pieces 6 = 6,000 pieces <i>Note: Tape and reel packaging - 1,000 pieces (7") and 6,000 pieces (13")</i>
Style		Code	Value	Tolerance	Packaging
SSM (Square)		101Z	100pF	+80/-20%	T = Tape and reel packaging
RSM (Round)		501P	500pF	+100/-0%	R = Bulk packaging
		152P	1500pF	+100/-0%	
		202P	2000pF	100/-0%	
		402E	4000pF	±25	
		402Z	4000pF	+80/-20%	

† Also available through APITech's authorized distributors.

€ Also available through APITech's authorized European distributors/agents.

† SSM1-152P-05-T1 €



Mouser Electronics

Authorized Distributor

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API Technologies:

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[SSM1F-202P-05B](#) [SSM1-402E-05T1](#) [SSM1-402Z-10B](#) [SSM1-402Z-10T1](#) [SSM1F-822Z-10B](#) [SSM1-202P-05T1](#)
[SSM1-152P-10B](#) [SSM1-101Z-10T1](#) [SSM1-101Z-10B](#) [SSM1F-402Z-10T1](#) [SSM1F-402Z-10B](#) [SSM1F-202P-05T1](#)
[SSM1F-152P-10T1](#) [SSM1F-152P-10B](#) [SSM1F-101Z-05T1](#) [SSM1F-402E-10B](#) [SSM1-402E-10B](#) [SSM1-402E-10T1](#)
[SSM1-101Z-05T1](#) [SSM1-152P-05T1](#) [SSM1-152P-05T6](#) [SSM1-152P-10T6](#) [SSM1-202P-05T6](#) [SSM1-202P-10B](#)
[SSM1-202P-10T1](#) [SSM1-202P-10T6](#) [SSM1-402E-10T6](#) [SSM1-402Z-05B](#) [SSM1-501P-05B](#) [SSM1-501P-05T1](#)
[SSM1-501P-10B](#) [SSM1-501P-10T1](#) [SSM1F-101Z-10B](#) [SSM1F-101Z-10T1](#) [SSM1F-202P-10B](#) [SSM1F-202P-10T1](#)
[SSM1F-402E-05B](#) [SSM1F-152P-05T1](#) [SSM1-402E-05B](#)