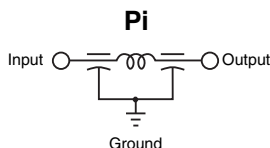


Surface Mount Low Pass Filters SSM & RSM Series

SSM



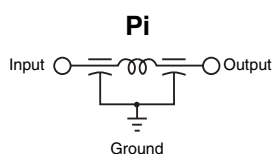
Working Voltage 100 VDC
Test Voltage 250 VDC
Current Max. 10 Amps
Insulation
Resistance Min. 10^4 M Ω
Terminations Silver Ni-Tin plated
Soldering
Conditions Max. 250°C -5 sec.
Marking None
Packaging Bulk or tape and reel

Note: Insertion loss shown for the following SSM values* only:

101Z
501P
202P

*Additional IL charts available by request.

RSM



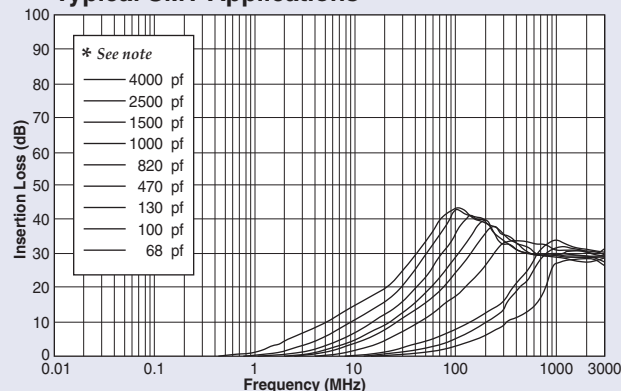
Working Voltage 100 VDC
Test Voltage 250 VDC
Current Max. 10 Amps
Insulation
Resistance Min. 10^4 M Ω
Terminations Silver Ni-Tin plated
Soldering
Conditions Max. 250°C -5 sec.
Marking None
Packaging Bulk or tape and reel

Note: Insertion loss shown for the following RSM values only:

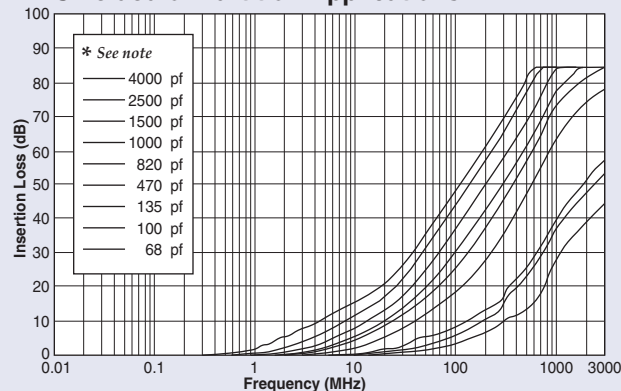
152P
402Z

Pi Insertion Loss

Typical SMT Applications

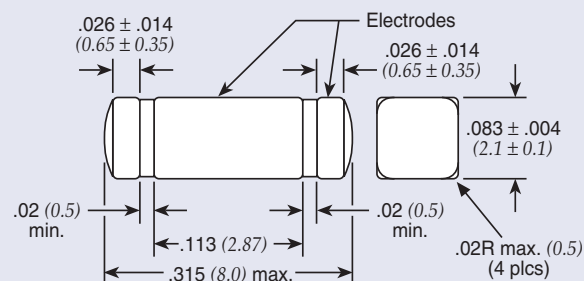


Shielded or Partition Applications

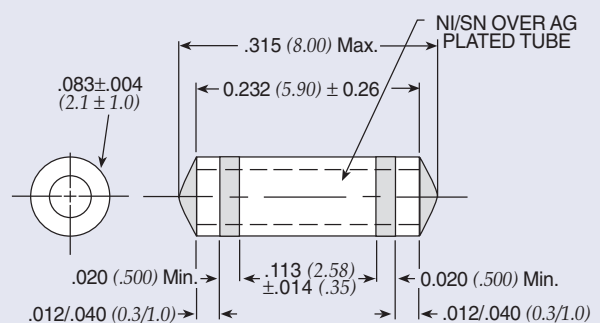


* Capacitance values for insertion loss curves are displayed left to right in the order shown.

SSM



RSM



Dimensions in inches (mm)

Surface Mount Low Pass Filters SSM & RSM Series

SSM & RSM Ordering Information

Example: **SSM1-101Z-05T**

SSM

Style

SSM (Square)
RSM (Round)

† Also available through API's authorized distributors.

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

† SSM1-152P-05-T1 €

1

Circuit Configuration

1 - Pi

-

101Z

Capacitance

Code	Value	Tolerance
101Z	100 pF	+80/-20%
501P	500 pF	+100/-0%
152P	1500 pF	+100/-0%
202P	2000 pF	+100/-0%
402E	4000 pF	±25
402Z	4000 pF	+80/-20%

-

05

Current Rating

05 - 5 Amps
10 - 10 Amps

T

Packaging

T - Tape and reel packaging

B - Bulk packaging

1

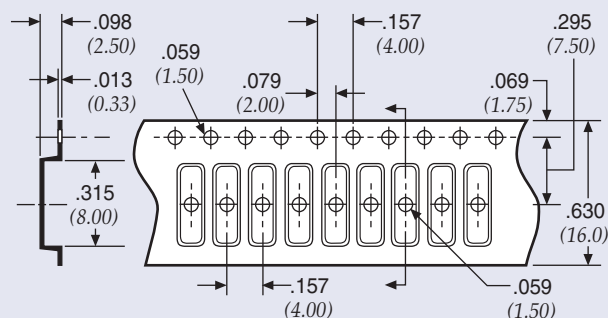
Tape and Reel

1 - 1,000 pieces

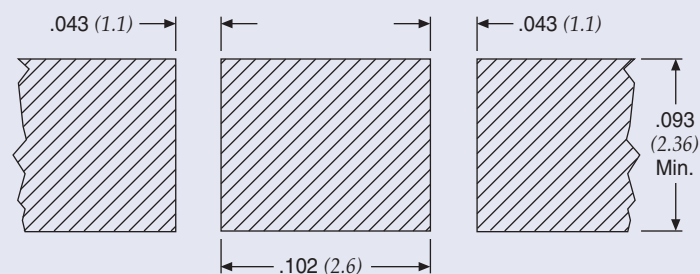
6 - 6,000 pieces

Note: Tape and reel packaging - 1,000 pieces (7") and 6,000 pieces (13")

SSM/RSM Tape and Reel Packaging



SSM Recommended Board Pattern



Dimensions in inches (mm)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

API Technologies:

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