

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

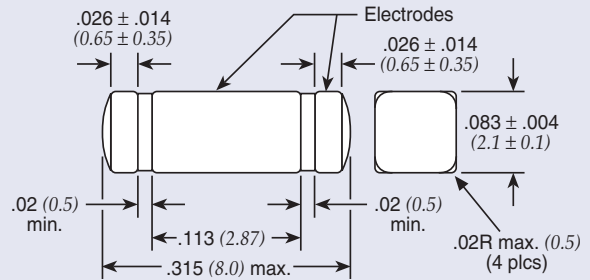


Shielded or Partition Applications

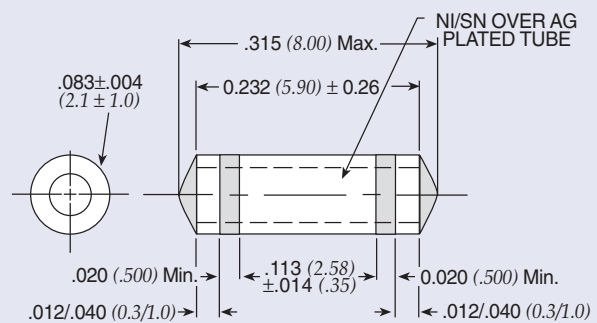


* Capacitance values for insertion loss curves are displayed left to right in the order shown.

SSM



RSM



Dimensions in inches (mm)

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SSM & RSM Ordering Information

Example: **SSM1-101Z-05T 1**

SSM	1	-	101Z	-	05	T	1
Style	Circuit Configuration		Capacitance		Current Rating	Packaging	Tape and Reel
SSM (Square) RSM (Round)	1 - Pi				05 - 5 Amps 10 - 10 Amps	T - Tape and reel packaging B - Bulk packaging	1 - 1,000 pieces 6 - 6,000 pieces <i>Note: Tape and reel packaging - 1,000 pieces (7") and 6,000 pieces (13")</i>

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%

† Also available through API's authorized distributors.
 € Also available through API's authorized European distributors/agents.
 † SSM1-152P-05-T1 €

