

Surface Mount Low Pass Filters PSM Series

PSM Ordering Information

Example: **PSM4-402Z-20T0**

PSM	4	-	402Z	-	20	T	0																																	
Style	Circuit Configuration		Capacitance		Current Rating	Packaging	Tape and Reel																																	
PSM (Power)	1 - Pi 4 - Feed-through		<table border="1"> <thead> <tr> <th>Code</th> <th>Value*</th> <th>Tolerance</th> </tr> </thead> <tbody> <tr><td>680M</td><td>68 pF</td><td>±20%</td></tr> <tr><td>101M</td><td>100 pF</td><td>±20%</td></tr> <tr><td>131P</td><td>130 pF</td><td>+100/-0%</td></tr> <tr><td>471P</td><td>470 pF</td><td>+100/-0%</td></tr> <tr><td>821M</td><td>820 pF</td><td>±20%</td></tr> <tr><td>102M</td><td>1000 pF</td><td>±20%</td></tr> <tr><td>152M</td><td>1500 pF</td><td>±20%</td></tr> <tr><td>252P</td><td>2500 pF</td><td>+100/-0%</td></tr> <tr><td>402Z</td><td>4000 pF</td><td>+80/20%</td></tr> <tr><td>103Z**</td><td>.01 μF</td><td>+80/-20%</td></tr> </tbody> </table>	Code	Value*	Tolerance	680M	68 pF	±20%	101M	100 pF	±20%	131P	130 pF	+100/-0%	471P	470 pF	+100/-0%	821M	820 pF	±20%	102M	1000 pF	±20%	152M	1500 pF	±20%	252P	2500 pF	+100/-0%	402Z	4000 pF	+80/20%	103Z**	.01 μF	+80/-20%		10 - 10 Amps (Pi) 20 - 20 Amps (Feed-through)	T - Tape and reel packaging B - Bulk packaging	0 - 500 pieces 2 - 2,000 pieces <i>Note: Tape and reel packaging - 500 pieces (7") and 2,000 pieces (13")</i>
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680M	68 pF	±20%																																						
101M	100 pF	±20%																																						
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103Z**	.01 μF	+80/-20%																																						
<p>† Also available through API's authorized distributors.</p> <p>* Other capacitance values available as special order.</p> <p>** Available in Feed-through circuit only.</p>																																								

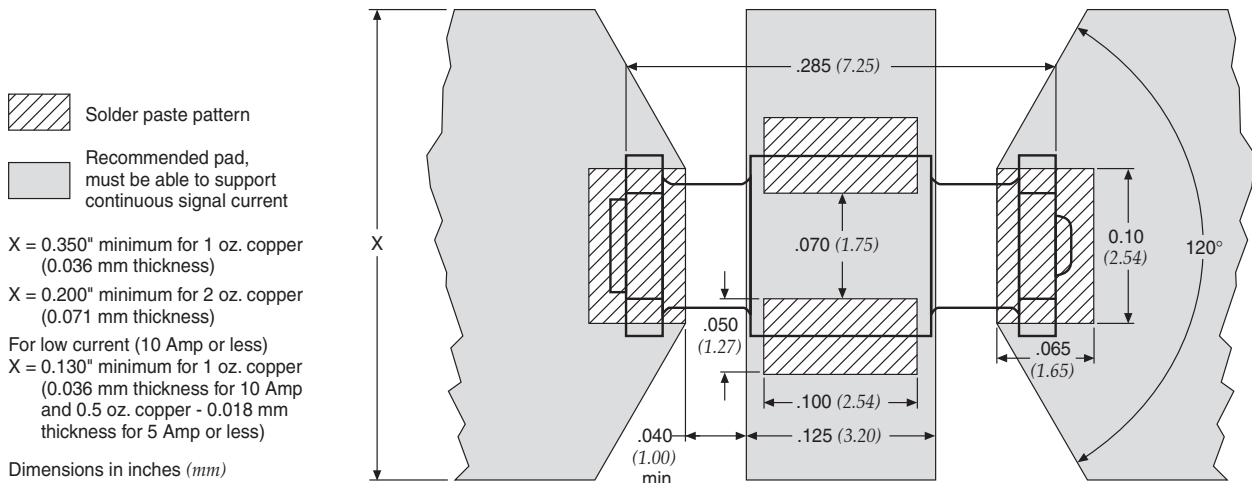
Technical Notes

- Soldering recommendations supplied upon request
- Reflow temperature limit is 250°C
- Unit weight is approximately 0.4 grams
- Tape and reel packaging available for automated assembly

PSM Tape and Reel Packaging



PSM Recommended Board Pattern



Mouser Electronics

Authorized Distributor

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

API Technologies:

[PSM1-402Z-05T](#) [PSM4-402Z-05T](#) [PSM1-101M-05T0](#) [PSM1-102M-05T0](#) [PSM1-102M-02T0](#) [PSM1-102M-10T0](#)
[PSM1-252P-05T0](#) [PSM1-402Z-02B](#) [PSM1-402Z-10B](#) [PSM1-402Z-10T0](#) [PSM1-471P-10T0](#) [PSM1F-101M-05T0](#)
[PSM1F-102M-02T0](#) [PSM1F-102M-05T0](#) [PSM1F-252P-02T0](#) [PSM4-102M-20T0](#) [PSM4F-102M-20B](#) [PSM4F-103Z-](#)
[20T0](#) [PSM4F-152M-20T0](#) [PSM1-252P-10B](#) [PSM1-252P-02T0](#) [PSM4-152M-20T0](#) [PSM4-102M-20T](#) [PSM4-152M-20T](#)
[PSM4-102M-20B](#) [PSM4-103Z-20T0](#) [PSM1F-471P-10T0](#) [PSM1-402Z-05T2](#) [PSM1-101M-05T2](#) [PSM1-101M-10T0](#)
[PSM1-101M-10T2](#) [PSM1F-152M-10T0](#) [PSM1-402Z-10T2](#) [PSM4F-152M-10T0](#) [PSM1F-821M-10B](#) [PSM4-101M-20T0](#)
[PSM4F-101M-20T0](#) [PSM4F-252P-20T0](#) [PSM4-103Z-20T0-L](#) [PSM1F-252P-10T0](#) [PSM1F-680M-10T0](#) [PSM4-103Z-](#)
[20B](#) [PSM1-821M-10B](#) [PSM4-252P-20B](#) [PSM1F-101M-10B](#) [PSM4F-102M-10B](#) [PSM4F-103Z-10B](#) [PSM4F-252P-10B](#)
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[471P-02T0](#) [PSM1-471P-02T2](#) [PSM1-471P-05B](#) [PSM1-471P-05T0](#) [PSM1-471P-05T2](#) [PSM1-471P-10B](#) [PSM1-471P-](#)
[10T2](#) [PSM1-680M-02B](#) [PSM1-680M-02T2](#) [PSM1-680M-05B](#)