

Mini MSR Series Resistors



Style	Type	Case Size	Length Inches (mm)	Width Inches (mm)	Thickness ¹ Inches (mm)	Pad Width Inches (mm)
MSR	96	0201	0.022 ±0.002 (0.559 ±0.051)	0.012 ±0.002 (0.305 ±0.051)	0.007 ±0.002 (0.178 ±0.051)	0.005 ±0.002 (0.127 ±0.051)
	84	0202	0.022 ±0.002 (0.559 ±0.051)	0.020 ±0.002 (0.508 ±0.051)	0.007 ±0.002 (0.178 ±0.051)	0.005 ±0.002 (0.127 ±0.051)
	66	0203	0.025 ±0.002 (0.635 ±0.051)	0.030 ±0.002 (0.762 ±0.051)	0.012 ±0.003 (0.305 ±0.076)	0.006 ±0.002 (0.152 ±0.051)
	98	0302	0.030 ±0.002 (0.762 ±0.051)	0.020 ±0.002 (0.508 ±0.051)	0.012 ±0.003 (0.305 ±0.076)	0.006 ±0.002 (0.152 ±0.051)
	91	0303	0.028 ±0.002 (0.711 ±0.051)	0.030 ±0.002 (0.762 ±0.051)	0.012 ±0.003 (0.305 ±0.076)	0.006 ±0.002 (0.152 ±0.051)
	10	0404	0.035 ±0.002 (0.889 ±0.051)	0.035 ±0.002 (0.889 ±0.051)	0.012 ±0.003 (0.305 ±0.076)	0.009 ±0.002 (0.229 ±0.051)

¹ Solder may add up to an additional 0.004" in thickness.

MSR Series Resistors

Style	Type	Case Size	Length Inches (mm)	Width Inches (mm)	Thickness ¹ Inches (mm)	Pad Width Inches (mm)
MSR	20	0402	0.040 ±0.002 (1.016 ±0.051)	0.020 ±0.002 (0.508 ±0.051)	0.013 ±0.003 (0.330 ±0.076)	0.009 ±0.002 (0.229 ±0.051)
	81	0502	0.048 ±0.002 (1.219 ±0.051)	0.023 ±0.002 (0.584 ±0.051)	0.013 ±0.003 (0.330 ±0.076)	0.010 ±0.002 (0.254 ±0.051)
	56	0503	0.045 ±0.002 (1.143 ±0.051)	0.030 ±0.002 (0.762 ±0.051)	0.013 ±0.003 (0.330 ±0.076)	0.011 ±0.002 (0.279 ±0.051)
	19	0504	0.050 ±0.002 (1.270 ±0.051)	0.040 ±0.002 (1.016 ±0.051)	0.013 ±0.003 (0.330 ±0.076)	0.011 ±0.002 (0.279 ±0.051)
	82	0505	0.048 ±0.002 (1.219 ±0.051)	0.048 ±0.002 (1.219 ±0.051)	0.013 ±0.003 (0.330 ±0.076)	0.009 ±0.002 (0.229 ±0.051)
	93	0603	0.060 ±0.002 (1.524 ±0.051)	0.030 ±0.002 (0.762 ±0.051)	0.013 ±0.003 (0.330 ±0.076)	0.010 ±0.002 (0.254 ±0.051)
	61	0604	0.060 ±0.002 (1.524 ±0.051)	0.040 ±0.002 (1.016 ±0.051)	0.018 ±0.003 (0.457 ±0.076)	0.013 ±0.002 (0.330 ±0.051)

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Style	Type	Case Size	Length Inches (mm)	Width Inches (mm)	Thickness ¹ Inches (mm)	Pad Width Inches (mm)
MSR	86	0805	0.075 ±0.002 (1.905 ±0.051)	0.048 ±0.002 (1.219 ±0.051)	0.018 ±0.003 (0.457 ±0.076)	0.013 ±0.002 (0.330 ±0.051)
	5	1002	0.100 ±0.002 (2.540 ±0.051)	0.025 ±0.002 (0.635 ±0.051)	0.013 ±0.003 (0.330 ±0.076)	0.016 ±0.002 (0.406 ±0.051)
	83	1005	0.098 ±0.002 (2.489 ±0.051)	0.048 ±0.002 (1.219 ±0.051)	0.018 ±0.003 (0.457 ±0.076)	0.013 ±0.002 (0.330 ±0.051)
	90	1010	0.098 ±0.002 (2.489 ±0.051)	0.098 ±0.002 (2.489 ±0.051)	0.018 ±0.003 (0.457 ±0.076)	0.012 ±0.002 (0.305 ±0.051)
	87	1206	0.121 ±0.002 (3.073 ±0.051)	0.061 ±0.002 (1.549 ±0.051)	0.018 ±0.003 (0.457 ±0.076)	0.015 ±0.002 (0.381 ±0.051)
	94	1210	0.120 ±0.002 (3.048 ±0.051)	0.098 ±0.002 (2.489 ±0.051)	0.018 ±0.003 (0.457 ±0.076)	0.015 ±0.002 (0.381 ±0.051)
	97	1218	0.115 ±0.002 (2.921 ±0.051)	0.179 ±0.002 (4.547 ±0.051)	0.030 ±0.005 (0.762 ±0.127)	0.022 ±0.002 (0.559 ±0.051)
	80	1505	0.150 ±0.002 (3.810 ±0.051)	0.048 ±0.002 (1.219 ±0.051)	0.018 ±0.003 (0.457 ±0.076)	0.012 ±0.002 (0.305 ±0.051)
	88	2010	0.204 ±0.002 (5.182 ±0.051)	0.096 ±0.002 (2.438 ±0.051)	0.018 ±0.003 (0.457 ±0.076)	0.017 ±0.002 (0.432 ±0.051)
	85	2307	0.223 ±0.002 (5.664 ±0.051)	0.073 ±0.002 (1.854 ±0.051)	0.018 ±0.003 (0.457 ±0.076)	0.016 ±0.002 (0.406 ±0.051)
	89	2512	0.250 ±0.002 (6.350 ±0.051)	0.122 ±0.002 (3.099 ±0.051)	0.027 ±0.003 (0.686 ±0.076)	0.017 ±0.002 (0.432 ±0.051)
	68	3939	0.386 ±0.002 (9.804 ±0.051)	0.386 ±0.002 (9.804 ±0.051)	0.030 ±0.005 (0.762 ±0.127)	0.040 ±0.002 (1.016 ±0.051)
	30	5024	0.494 ±0.002 (12.548 ±0.051)	0.243 ±0.002 (6.172 ±0.051)	0.030 ±0.005 (0.762 ±0.127)	0.053 ±0.002 (1.346 ±0.051)
	28	6632	0.666 ±0.002 (16.916 ±0.051)	0.328 ±0.002 (8.331 ±0.051)	0.030 ±0.005 (0.762 ±0.127)	0.063 ±0.002 (1.600 ±0.051)
	26	6645	0.666 ±0.002 (16.916 ±0.051)	0.495 ±0.002 (12.573 ±0.051)	0.030 ±0.005 (0.762 ±0.127)	0.063 ±0.002 (1.600 ±0.051)

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