

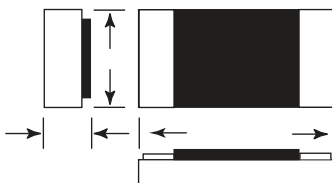
## Features

- Thick film technology
- Single-Sided Terminations for Wirebonding, Soldering, and Epoxy Attachment
- Gold, Platinum Silver, and Platinum Silver with Solder Coating Terminations
- Resistance Values from 0.05Ω to 120 MΩ
- Tolerances to ± 1%
- Optional Backplane

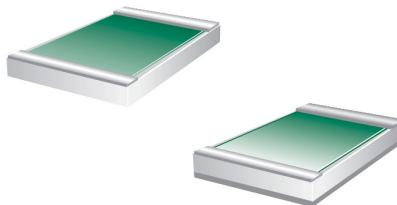
Thick Film

Part Number	Length	Width	Height	Rated Power @ 70°C	WVDC (max)	Tolerances (%)
IMS024	0.240 <sup>+0.008</sup> / <sub>-0.002</sub>	0.120 <sup>+0.008</sup> / <sub>-0.002</sub>	0.021 max.	1 W	350	1, 2, 5, 10
IMS026	0.120 <sup>+0.012</sup> / <sub>-0.008</sub>	0.240 <sup>+0.012</sup> / <sub>-0.008</sub>	0.035 max.	1 W	1	10
IMS202	0.360 <sup>+0.008</sup> / <sub>-0.002</sub>	0.140 <sup>+0.008</sup> / <sub>-0.002</sub>	0.035 max.	2 W	800	1, 2, 5, 10
IMS204	0.440 <sup>+0.008</sup> / <sub>-0.002</sub>	0.180 <sup>+0.008</sup> / <sub>-0.002</sub>	0.035 max.	4 W	1100	1, 2, 5, 10
IMS206	0.520 <sup>+0.008</sup> / <sub>-0.002</sub>	0.220 <sup>+0.008</sup> / <sub>-0.002</sub>	0.035 max.	6 W	1400	1, 2, 5, 10
IMS208	0.560 <sup>+0.008</sup> / <sub>-0.002</sub>	0.240 <sup>+0.008</sup> / <sub>-0.002</sub>	0.035 max.	8 W	1500	1, 2, 5, 10
IMS210	0.620 <sup>+0.008</sup> / <sub>-0.002</sub>	0.270 <sup>+0.008</sup> / <sub>-0.002</sub>	0.035 max.	10 W	1800	1, 2, 5, 10

## Dimensional Outline



## Terminations



## Termination materials

- 1 Au
- 3 PtAg
- C PtAg with 62/36/2 solder coating
- P PtAg with 96/4 tin silver solder coating

**Full backplane available as an option.**

## Resistance Ranges

Resistances from 0.05 ohm to 20 Meg ohms are available in any increment. Not all values available in all devices and/or all termination metalizations. Note: IMS026 available in 0.05Ω to 1Ω resistance range only.

**Ordering Information**

Example: 0.240" X 0.120" gold terminations, 100Ω, 5% tolerance

<p><b>Sizes</b></p> <table style="width: 100%;"> <tr> <td style="width: 33%;">024</td> <td style="width: 33%;">026</td> <td style="width: 33%;">202</td> </tr> <tr> <td>204</td> <td>206</td> <td>208</td> </tr> <tr> <td>210</td> <td></td> <td></td> </tr> </table>	024	026	202	204	206	208	210			<p><b>IMS024</b>    <b>- 1 -</b>    <b>1000</b>    <b>J</b></p>	<p><b>Tolerance</b></p> <p>F - 1%   G - 2%   J - 5%</p> <p>K - 10%   L - 15%   M - 20%</p> <p>N - 30%</p>
024	026	202									
204	206	208									
210											
<p><b>Termination</b></p> <p>-1 Au</p> <p>-3 PtAg</p> <p>-C PtAg w/ 62/36/2 solder</p> <p>-P PtAg w/ 96/4 solder</p>	<p><b>Resistance Value</b></p> <p>The first three digits are significant values. The fourth is the number of zeroes following. The R indicates a decimal point when resistance value is less than 100Ω.</p>										