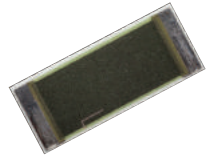


The IMS Power line of thick film single side high power chip resistors is the line to choose when stable performance at elevated power levels is required. Robust thick film on alumina construction ensures reliability and durability. Many combinations of termination materials are available to meet the requirements of all common attachment methods. Sizes from .120" X .240" to 0.620" X 0.270" are offered.



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 20MΩ
- Full backplane available

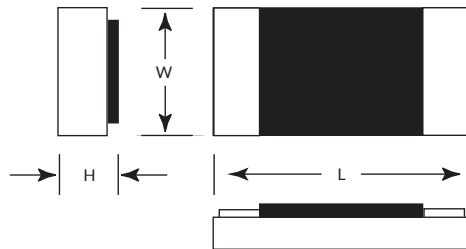
Part	Length	Width	Height (max)	Rated Power @ 70°C	WVDC (Max)	Tolerances (%)
IMS024	0.240 ^{+0.008} / _{-0.002}	0.120 ^{+0.008} / _{-0.002}	0.021	1W	350	1, 2, 5, 10
IMS026	0.120 ^{+0.012} / _{-0.008}	0.240 ^{+0.012} / _{-0.008}	0.035	1W	1	10
IMS202	0.360 ^{+0.008} / _{-0.002}	0.140 ^{+0.008} / _{-0.002}	0.035	2W	800	1, 2, 5, 10
IMS204	0.440 ^{+0.008} / _{-0.002}	0.180 ^{+0.008} / _{-0.002}	0.035	4W	1100	1, 2, 5, 10
IMS206	0.520 ^{+0.008} / _{-0.002}	0.215 ^{+0.008} / _{-0.002}	0.035	6W	1400	1, 2, 5, 10
IMS208	0.560 ^{+0.008} / _{-0.002}	0.240 ^{+0.008} / _{-0.002}	0.035	8W	1500	1, 2, 5, 10
IMS210	0.620 ^{+0.008} / _{-0.002}	0.270 ^{+0.008} / _{-0.002}	0.035	10W	1800	1, 2, 5, 10

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.

DIMENSIONS

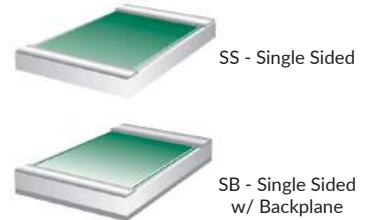


TERMINATIONS

Termination Materials

- 1 Au
- 3 PtAg
- C PtAg w/Sn62 Solder
- P PtAg w/ Sn96 Solder

Terminal Style



ORDERING INFORMATION

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

Part | IMS024 - 1 B - 1000 J

024 026 202 204
026 208 210

Termination

- 1 Au
- 3 PtAg
- C PtAg w/Sn62 Solder
- P PtAg w/ Sn96 Solder

Terminal Style

none = SS B = SB

Tolerance

F - 1% G - 2%
J - 5% K - 10%

Resistance Value

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.

Packaging: B=Bulk, T=Tape and Reel
RoHS Compliant =