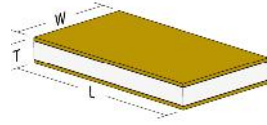


THIN FILM JUMPERS



MSJC SERIES

Mini-Systems, Inc. **MSJC Series Chip Jumpers** are ideal for use as zero ohm jumpers, bonding islands, and stand-offs for specific applications. Available in a variety of standard, as well as custom sizes for your applications.

MSJC SERIES

CASE SIZE	TYPE	DIMENSIONS			MAX RESISTANCE (mΩ)
		L (±0.003") [±0.076mm]	W (±0.003") [±0.076mm]	T (±0.003") [±0.076mm]	
0101	1	0.010" [0.254]	0.010" [0.254]	0.005" [0.152]	10
0201	21	0.020" [0.508]	0.010" [0.254]	0.005" [0.152]	20
0202	2	0.020" [0.508]	0.020" [0.508]	0.010" [0.254]	10
0303	3	0.030" [0.762]	0.030" [0.762]	0.010" [0.254]	10
0303	35	0.035" [0.889]	0.035" [0.889]	0.010" [0.254]	10
0404	4	0.040" [1.060]	0.040" [1.060]	0.010" [0.254]	10
0505	5	0.050" [1.270]	0.050" [1.270]	0.010" [0.254]	10
0805	75	0.075" [1.905]	0.050" [0.889]	0.010" [0.254]	15
1010	10	0.100" [2.540]	0.100" [2.540]	0.010" [0.254]	10

CUSTOM SIZES AVAILABLE, CONSULT SALES

GENERAL CHARACTERISTICS

Substrate Materials	99.6% Alumina, other substrate materials available upon request
Metallization	Gold
Available Thickness	0.005", 0.010", 0.015", 0.020", 0.025"
Resistance	10 Milliohms per square, typical

MSJC PART NUMBER DESIGNATION

MSJC	—	10	—	AT	—	GB10
STYLE		TYPE		MATERIAL		OPTION
MSJC		See Table		AT = Alumina Substrate		G = One Side Gold GB = Gold Back 5 = 0.005" Thick 10 = 0.010" Thick 15 = 0.015" Thick 20 = 0.020" Thick 25 = 0.025" Thick

EXAMPLE: MSJC-10-AT-GB10

MSJC-10, 0.100" x 0.100", 0.010" Thick Alumina with Gold Back

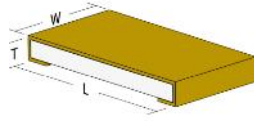


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THIN FILM JUMPERS



WAJC SERIES

Mini-Systems, Inc. **WAJC Series Chip Jumpers** with nickel barrier are ideal for use as zero ohm jumpers, bonding islands, and stand-offs for specific applications. Available in a variety of standard, as well as custom sizes for your applications.

WAJC SERIES

CASE SIZE	TYPE	DIMENSIONS			MAX RESISTANCE (mΩ)
		L (±0.003") [±0.076mm]	W (±0.003") [±0.076mm]	T ¹ (±0.003") [±0.076mm]	
0201	21	0.020" [0.508]	0.010" [0.254]	0.005" [0.127]	20
0202	7	0.020" [0.508]	0.020" [0.508]	0.010" [0.254]	10
0402	1	0.040" [1.016]	0.020" [0.508]	0.010" [0.254]	20
0404	2	0.035" [0.889]	0.035" [0.889]	0.010" [0.254]	10
0502	8	0.055" [1.397]	0.025" [0.635]	0.010" [0.254]	20
0505	4	0.050" [1.270]	0.050" [1.270]	0.010" [0.254]	10
0805	3	0.075" [1.905]	0.050" [1.270]	0.010" [0.254]	15
1005	6	0.100" [2.540]	0.050" [1.270]	0.010" [0.254]	20
1206	5	0.126" [3.200]	0.063" [1.600]	0.010" [0.254]	20
1505	9	0.153" [3.886]	0.050" [1.270]	0.010" [0.254]	30

¹ Thickness does not include solder
CUSTOM SIZES AVAILABLE, CONSULT SALES

GENERAL CHARACTERISTICS

Substrate Material	99.6% Alumina, other substrate materials available upon request
Metallization	(NU) Solderable Au w/ Ni barrier; (NT) Nickel with Solder
Available Thickness ¹	0.005", 0.010", 0.015", 0.020", 0.025"
Resistance	10 Milliohms per square, typical

¹ Thickness does not include solder

WAJC PART NUMBER DESIGNATION

WAJC	6	AT	NT10
STYLE	TYPE	MATERIAL	OPTION
WAJC	See Table	AT = Alumina Substrate	NU = Solderable Au w/ Ni barrier NT = Nickel with Sn62 Solder NT3= Nickel with SAC305 Solder 5 = 0.005" Thick 10 = 0.010" Thick 15 = 0.015" Thick 20 = 0.020" Thick 25 = 0.025" Thick

EXAMPLE: WAJC-6-AT-NT10
WAJC-6, 0.100" x 0.100", 0.010" Thick Alumina Wraparound

8041 Rev. A



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