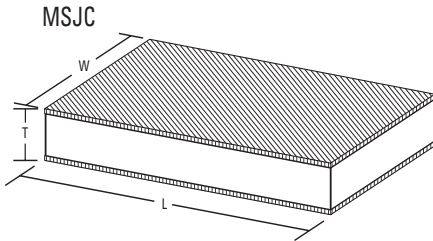


THIN FILM CHIP JUMPERS

MSJC & WAJC SERIES

MSJC and WAJC Series Chip Jumpers can be used as zero ohm jumpers, bonding islands, and stand offs for specific applications. Available in a variety of standard sizes, as well as special sizes for your custom applications.



SHOWN WITH OPTIONAL GOLD BACK

MSJC SERIES

SERIES	L	W	TOLERANCE
MSJC - 1	0.010" x 0.010"		±0.003"
MSJC - 2	0.020" x 0.020"		±0.003"
MSJC - 3	0.030" x 0.030"		±0.003"
MSJC - 4	0.040" x 0.040"		±0.003"
MSJC - 5	0.050" x 0.050"		±0.003"
MSJC - 10	0.100" x 0.100"		±0.003"
MSJC - 35	0.035" x 0.035"		±0.003"
MSJC - 75	0.075" x 0.050"		±0.003"

CUSTOM SIZES AVAILABLE, CONSULT SALES

SUBSTRATE 99.6% ALUMINA; OTHER SUBSTRATE MATERIALS AVAILABLE UPON REQUEST

METALLIZATION GOLD, 25K Å NOMINAL

THICKNESSES 0.010", 0.015", 0.020", 0.025"

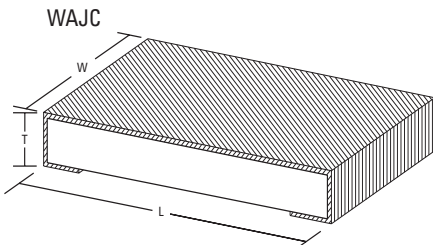
RESISTANCE 10 MILLIOHMS PER SQUARE, TYPICAL

PART NUMBER DESIGNATION

MSJC	X	AT	X
SIZE	MATERIAL	OPTION AND SUBSTRATE THICKNESS	
1	AT = ALUMINA SUBSTRATE	G10 = One Side Gold, 0.010"	
2		G15 = One Side Gold, 0.015"	
3		G20 = One Side Gold, 0.020"	
4		G25 = One Side Gold, 0.025"	
5		GB10 = With Gold Back, 0.010"	
10		GB15 = With Gold Back, 0.015"	
35		GB20 = With Gold Back, 0.020"	
75		GB25 = With Gold Back, 0.025"	

EXAMPLE: MSJC 10-AT-GB10 = 0.100" X 0.100" X 0.010" JUMPER WITH GOLD BACK

WAJC SERIES



WRAPAROUND

SERIES	L	W	TOLERANCE
WAJC - 1	0.040" x 0.020"		±0.003"
WAJC - 2	0.035" x 0.035"		±0.003"
WAJC - 3	0.075" x 0.050"		±0.003"
WAJC - 4	0.050" x 0.050"		±0.003"
WAJC - 5	0.126" x 0.063"		±0.003"
WAJC - 6	0.100" x 0.050"		±0.003"
WAJC - 7	0.020" x 0.020"		±0.003"
WAJC - 8	0.055" x 0.025"		±0.003"
WAJC - 9	0.153" x 0.050"		±0.003"

CUSTOM SIZES AVAILABLE, CONSULT SALES

SUBSTRATE 99.6% ALUMINA; OTHER SUBSTRATE MATERIALS AVAILABLE UPON REQUEST

METALLIZATION GOLD, 25K Å NOMINAL

THICKNESSES 0.010", 0.015", 0.020", 0.025"

RESISTANCE 10 MILLIOHMS PER SQUARE, TYPICAL

PART NUMBER DESIGNATION

WAJC	X	AT	X
SIZE	MATERIAL	OPTION AND SUBSTRATE THICKNESS	
1	AT = ALUMINA SUBSTRATE	G10 = Gold, 0.010"	
2		G15 = Gold, 0.015"	
3		G20 = Gold, 0.020"	
4		G25 = Gold, 0.025"	
5		T10 = SN62 Solder, 0.010"	
6		T15 = SN62 Solder, 0.015"	
7		T20 = SN62 Solder, 0.020"	
8		T25 = SN62 Solder, 0.025"	
9		T310 = Leadfree Solder, 0.010"	
		T315 = Leadfree Solder, 0.015"	
		T320 = Leadfree Solder, 0.020"	
		T325 = Leadfree Solder, 0.025"	

Solder option applies to all conductor surfaces

EXAMPLE: WAJC 6-AT-G10 = 0.100" X 0.050" X 0.010" WRAPAROUND JUMPER



MINI-SYSTEMS, INC.
THIN FILM DIVISION

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JUMPERS,
SUBSTRATES
& KITS