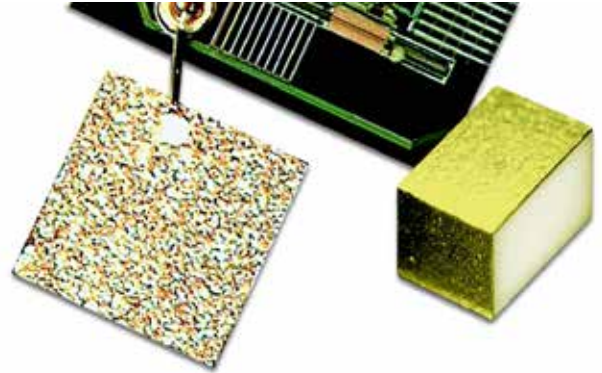


MST Series – Mounting Shorts

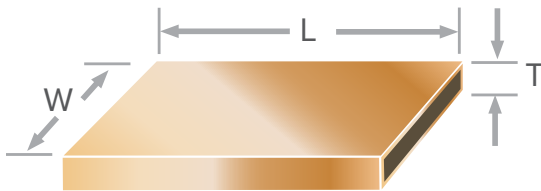
Alumina mounting shorts (or Aluminum Nitride for improved thermal properties), with metallization on the top, bottom and two of four sides, allow placement of a wirebond anywhere in the circuit, replacing the need for gold terminations on the substrate. They also can be used to raise the ground plane, reducing lead length for reduced inductance for high-speed/frequency applications, or to dissipate heat from under an IC or laser chip.

DESCRIPTION

- Instant bonding pads
- Fully conductive
- Height matching
- Replaces moly-tabs
- Any size available, as small as 0.007" x 0.007"



MST CHIP DIMENSIONS

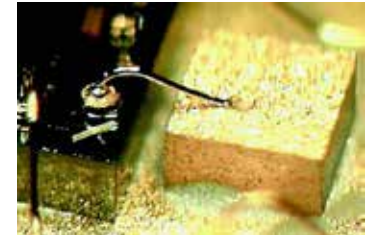


Dimensional Tolerance: Standard is .001" for length, width and thickness.

WIREBOND



RAISED PLANE



Our ceramic mounting shorts are excellent replacements for kovar and moly-tabs. These ceramic shorts have a much sharper edge and are flat stable bases for mounting semiconductors.

ORDERING INFORMATION – MST SERIES – MOUNTING SHORTS

MST	-	30	-	25	x	20	x	6	-	G	-	S		5
Cap Style	Material	Length (mils)	Width (unmetallized side) (mils)	Thickness (mils)	Metallization	Cut to Size	Thickness Tolerance							
MST	C-28 C-30 C-35	-	-	4 to +100 mils	G = Gold Custom	-	(only utilized if <.001"; figure represents tenths of a mil)							

Example Shown: Complex Series MST, dielectric type C-30, .025" x .020" x .006", gold, cut to size, .0005" thickness tolerance

