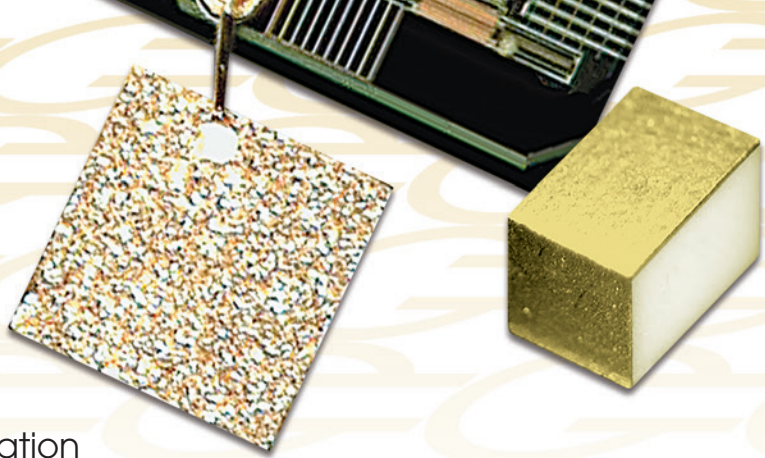


# MST Series Mounting Shorts



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.

- INSTANT BONDING PADS
- FULLY CONDUCTIVE
- HEIGHT MATCHING
- REPLACES MOLY-TABS
- ANY SIZE AVAILABLE, AS SMALL AS .003" x .003"

## Mounting Shorts Part Number Assembly

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

MST - 30 - 25 x 20 x 6 - G - S 5

Style	MST
Material	
Length (mils)	
Width (unmetallized side) (mils)	
Thickness	3 to +100 mils
Metallization	G (gold), or Custom
Cut to Size	
Thickness Tolerance (only utilized if <.001"; figure represents tenths of a mil)	

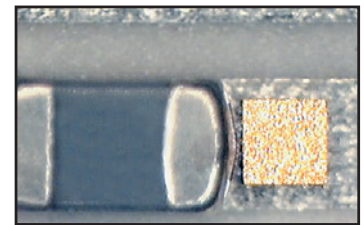
### MST Chip Dimensions



Dimensional Tolerance: Standard is .001" for length, width, and thickness. Tighter tolerances down to .0002" are available.

**Kits available for design development**

### 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.*