

This Sheet Has Been Replaced



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ALUMINUM NITRIDE BODY HAVING GRADED METALLURGY

ABSTRACT

An aluminum nitride body (10) having graded metallurgy and a method for making body (10) are disclosed. The body (10) has at least one via (14) and includes a first layer (18) in direct contact with the body (10) and a second layer (20) in direct contact with, and that completely encapsulates, the first layer (18). The first layer (18) includes 30 to 60 volume percent aluminum nitride and 40 to 70 volume percent tungsten and/or molybdenum whilst the second layer (20) includes 90 to 100 volume percent of tungsten and/or molybdenum and 0 to 10 volume percent of aluminum nitride.

Fig. 1.