

ABSTRACT

WIRE BOND WITH IMPROVED SHEAR STRENGTH

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A wire bonding method and a wire bond formed from the method are provided to improve shear strength of a wire that is connected to a bonding surface. The wire bond includes a bonded wire having a base in contact with the bonding surface, a recessed portion formed substantially at an edge of the bonded wire wherein at least a portion of an underside of the recessed portion is in contact with the bonding surface, and a length of wire extending from the recessed portion.

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(FIG. 1)

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