



MATERION

Materion Advanced Materials Group is a leader in the fabrication and refining of precious metal alloys; including a variety of low temperature lead free solder solutions. Our extensive offering of alloys are cast and fabricated to meet the exacting standards of various micro electronics applications. Custom alloys can be formulated and manufactured according to your application temperature.

Materion Solder Alloys

Table with 10 columns: WAM Solder, Nominal Composition Wt.%, Liquidus C/F, Solidus C/F, Density (g/cc), Electrical Conductivity (% of IACS), Thermal Conductivity (W/m°C), Thermal Coefficient of Expansion (Micro in/in/C) (20C), Tensile Strength (psi). Rows include various solder alloys like WS96*, WS118, WS143, etc.

*Contains Lead † Lead Free Solders



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