

# STRIKING A BALANCE

## Evaluating Conventional and TCO-Focused Soldering Solutions

### CONVENTIONAL SOLDERING SOLUTIONS

VS

### TCO-FOCUSED SOLDERING SOLUTIONS

Engineered using high-cost alloying techniques, leading to higher total cost of ownership



TOTAL COST OF  
OWNERSHIP

Developed for competitive TCO market verticals, providing up to 30% savings in material costs

Inherent properties of the material make it less resistant to mechanical shocks, such as vibration and drop shock



RELIABILITY

Up to a 50% improvement in performance to mechanically induced stresses, such as vibration and drop shock

Presence of precious metals in the alloy contributes to a higher carbon footprint



SUSTAINABILITY

Promotes sustainability by eliminating reliance on precious metals

Industry-standard assembly processes



PROCESS  
COMPATIBILITY

Drop-in replacement for industry standard assembly processes



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