

## Performance Characteristics of Low Palladium Content Silver Conductors for High Performance, Cost Sensitive Applications

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As original equipment manufacturers look to utilize their core capabilities to the fullest extent, outsourcing to contract manufacturers is becoming a large criteria in cost reduction in a global economy. Economies of scale and core competencies play a massive role in the whole subcontractor selection process. This in turn places more pressure on the part of the material suppliers within the circuit fabrication industry. Hence, with the continued emphasis on material suppliers to provide the highest performance product at the best cost structure available, Emca-Remex has introduced several low palladium and platinum bearing silver conductors which rival the performance of more costly silver:palladium products. Data will be presented as a comparison of traditional silver:palladium technology and newer high performance, lower cost products using unique powder morphology to achieve the desired performance.