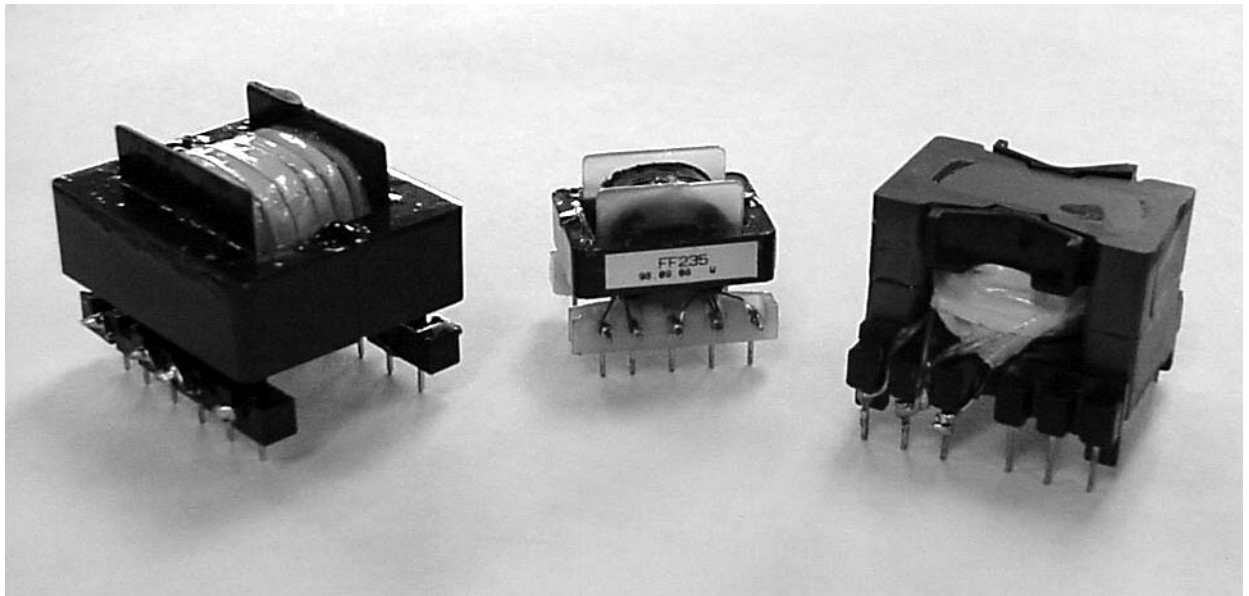


**Catch problems early:** Identifying component errors prior to assembly of a finished product has always been good practice, and the adage "prevention is better than cure" is particularly true of the switch mode power supply industry.

**Limit costs:** Ever decreasing product prices increase the financial pressure on manufacturing to avoid costly rework or the scrapping of finished products due to component errors. Faulty wound components can be difficult to diagnose, so where re-work is attempted, it can involve 100's of man-hours. In addition, the difficulty in removing wound components such as SMPS transformers introduces the risk of track damage plus the overheating of close-proximity components combine to reduce the reliability of repaired units.

**Everyone benefits:** Thorough testing of SMPS transformers was historically a complex and expensive solution only afforded by high-volume manufacturers. Modern test instruments designed for both volume and small-batch production now provide the range of functions required to ensure defect-free wound components, with cost-effective standard test instruments.



**Increased product reliability:** 100% wound component testing not only reduces rejects and re-work with the implicit risk of further damage, it dramatically enhances the long-term reliability of the finished product by ensuring the correct operating conditions of related components.

**For more information** on available solutions for the 100% production and goods in testing of SMPS and wound component parts, please contact Voltech Instruments at:  
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