

# New Product Announcement from ATC

## ATC Introduces the 504L Series 0402 Ultra-Broadband Resistors

August 8, 2012, Huntington Station, NY ----- ATC is pleased to announce the 504L Series next generation surface mount Ultra-Broadband Resistors. This new Thin Film Product has been designed and manufactured with the highest quality materials to provide reliable and repeatable performance. It utilizes our proprietary Glass Sandwich Flexitem® Technology, (GSFT). The Flexitem® is a surface mountable automotive-qualified termination that adds an extra margin of safety against damage due to flexure during installation.

The 504L can be supplied as either frequency compensated or non-compensated. This product is intended for applications from DC to 20 GHz and is ideal for use in optical transceiver modules, broadband receivers and broadband test equipment, or any application requiring excellent ultra-broadband performance.

### Specifications:

- Outline: EIA 0402
- Package: Glass Wafer Sandwich
- Standard Resistance Values: 25 Ohm, 50 Ohm, 100 Ohm, 200 Ohm
- Resistance Value Range: 25 Ohm to 400 Ohm
- Termination: Flexitem® (Ag/Epoxy). NiSn Plated
- Power Rating: 125 mW
- Operating Temperature Range: -40°C to +125°C
- Tolerances: 1%, 5%

### Applications:

- Optical Transceiver Modules
- Broadband Receiver
- TOSA / ROSA
- Wideband Test Equipment
- Low Noise Amplifier
- MMIC Amplifiers
- Mixers
- Directional Couplers
- Ultra-Broadband Splitters and Combiners

A Datasheet for this product is now available in the Thin Film Section of ATC's website as a printable pdf file or [click here to download the pdf file](#). Do not hesitate to contact ATC for additional technical and pricing information as well as product samples.

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