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MELCOM NEWS & NEW PRODUCT DEVELOPMENTS

 <p><b>Appoints Salvatore Grosso as New Business Development Manager</b></p>	 <p><b>Super-Mini Connectors &amp; Precision Adapters</b></p> <ul style="list-style-type: none"><li>- Best Insertion loss -</li><li>- Best VSWR -</li><li>- Best Repeatability -</li></ul>	 <p><b>New OCXOs Range</b></p> <ul style="list-style-type: none"><li>- Low Power -</li><li>- G Compensated -</li><li>- Small Form Factor -</li></ul>	 <p><b>Multi-Mix Product Range</b></p> <ul style="list-style-type: none"><li>- High performance multilayer technology alternative to LTCC &amp; laminated multilayer organic substrate -</li><li>- Couplers -</li><li>- Power Dividers -</li><li>- Quad Hybrids -</li><li>- Filters -</li><li>- IMA's (i.e Switched Filter Banks) -</li></ul>
 <p><b>High Power Radial Combiners</b></p> 	 <p><b>Extensive Range of RF &amp; Microwave Semi-Conductor Products</b></p> 	 <p><b>inTest Eco-Thermostream</b></p> 	

[Contact MELCOM](http://WWW.MELCOM.CO.UK) for further information

Melcom Appoint New Business Development Manager



MELCOM are very pleased to announce the appointment of **Salvatore Grosso** as **Business Development Manager**.



Salvatore has over 25 years experience working within the RF, Microwave and mmW industry in both a Sales and Business Development capacity. His appointment further strengthens MELCOM's experienced team and supports our strategy for continuous improvement and growth by providing exceptional knowledge and support to Customers. In addition to Business Development responsibilities, Salvatore will also support Key Accounts within the UK.

Please join us in wishing him every success during these exciting times at **MELCOM**.

[LEARN MORE ABOUT MELCOM](#)



## Introducing Southwest's SuperMini Board to Board, End Launch and Vertical Launch Connectors - DC to 67 GHz

**Miniature and lightweight blind-mate interconnect - 3mm board to board distance.**



- Designed to optimise match to circuit for surface and thru-hole PCB mounting applications.
- Available in smooth bore or detent style Vertical and End Launch jack configurations for stripline, microstrip and grounded co-planar circuit launch transitions.
- Rugged and durable
- Extreme temperature handling
- Excellent repeatability
- Lowest VSWR

- Lowest insertion loss

## 1.0 mm (W) Precision Adapters - DC to 110 GHz

Full range of precision adapters available with near metrology grade performance. The adapters are produced and tested to the same criteria as adapters for Calibration kits and provide a cost-effective solution.



### Features

- Low VSWR
- Low insertions
- Low RF leakage
- High temperature
- Rugged and durable
- Excellent repeatability

[Contact MELCOM](#) for detailed specification, pricing and availability

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## Bliley's Extensive Range of OCXO Oscillators

Advanced technologies providing the industry's lowest power and smallest packaged OCXO products with excellent phase noise performance.

**Zeus** - Connectorised ultra low phase noise

### Features

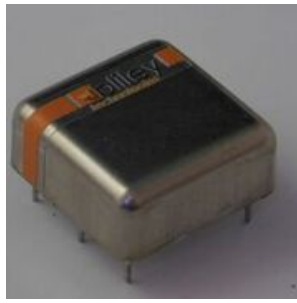


- Connectorised 50 Ohm output
- 30 MHz to 130 MHz
- -103dBc/Hz @ 10Hz; - 178dBc/Hz @ 100KHz

**Apollo** - Ultra Low Phase Noise

### Features

- 25 x 25mm
- 30 MHz to 130 MHz
- -103dBc/Hz @ 10Hz; - 175dBc/Hz @ 100KHz



**LP62** - World's Lowest Power OCXO

**Features**

- Multiple footprints (from 0.5x0.5" to 0.8x0.8")
- 135mW steady state power consumption
- -95dBc/Hz @ 10Hz; -168dBc/Hz@ 100KHz



**Firefly** - Low Power OCXO

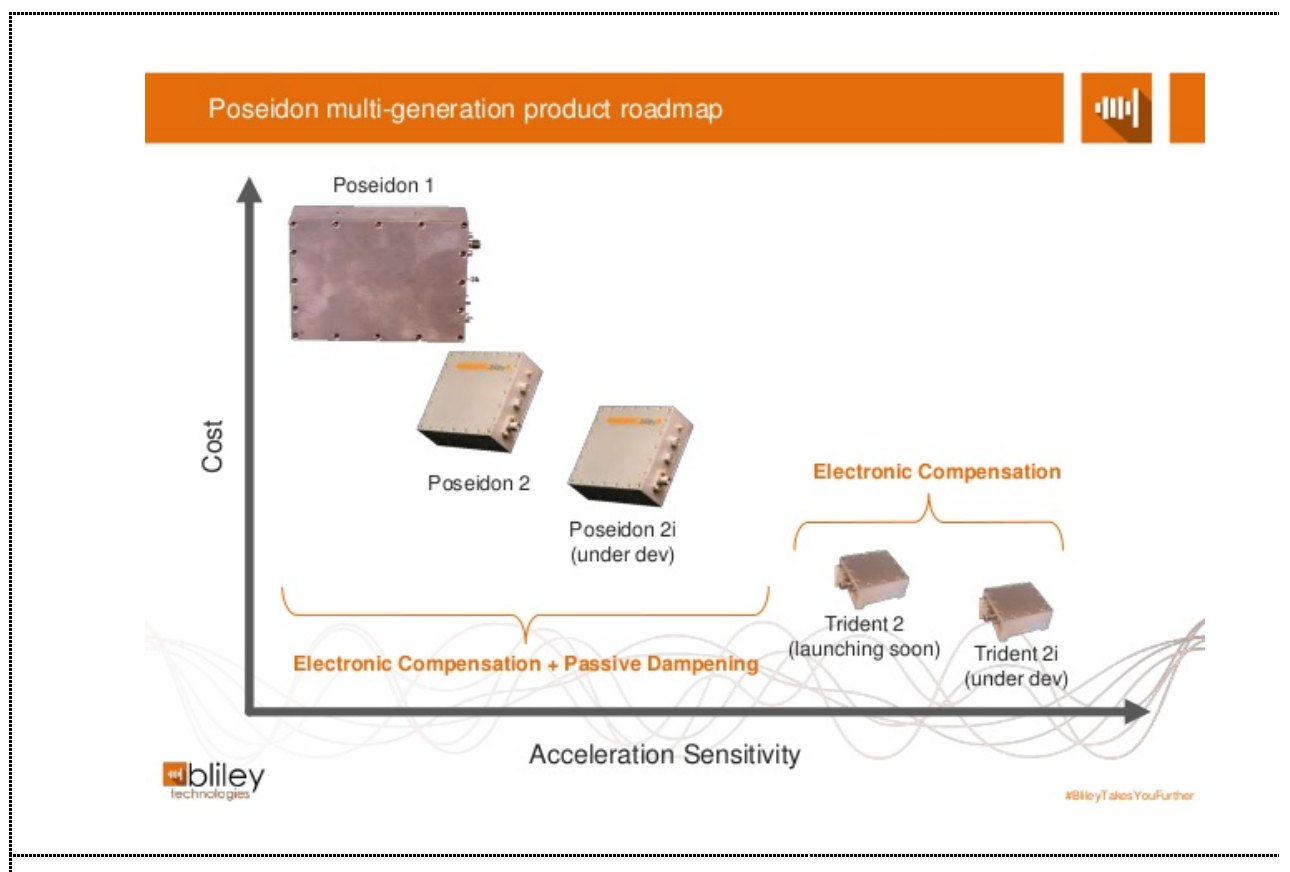
**Features**

- Multiple footprints
- 90mW steady state power consumption

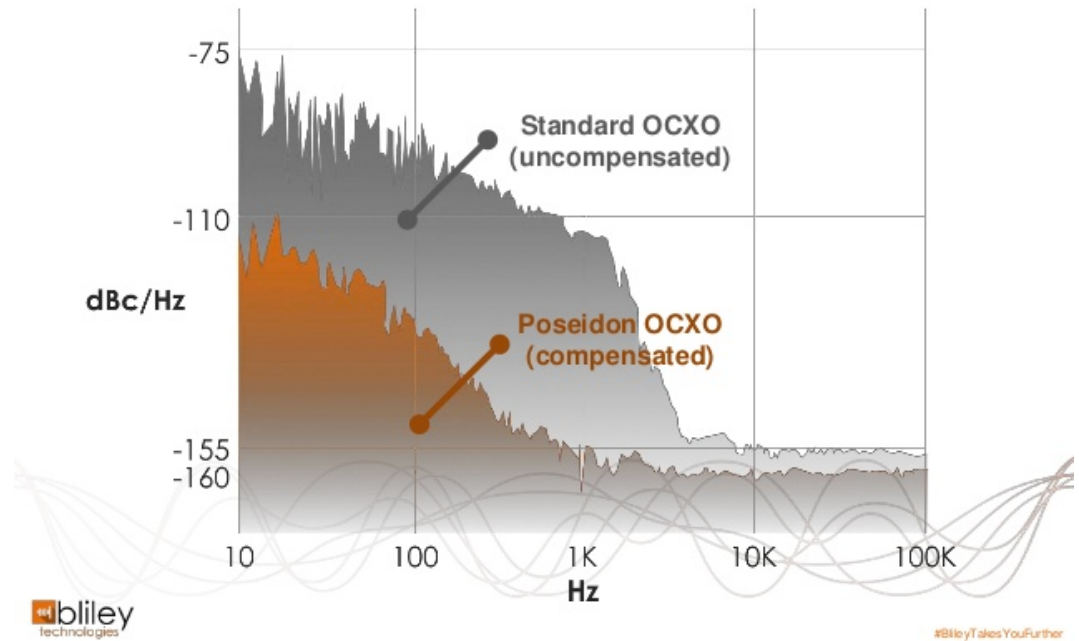


**G-COMPENSATED OCXO POSEIDON RANGE**

The Poseidon OCXO is a customised frequency range product designed for high vibrat environments.



## Poseidon achieves significant performance improvement

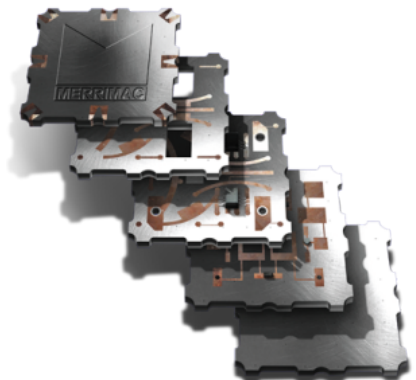
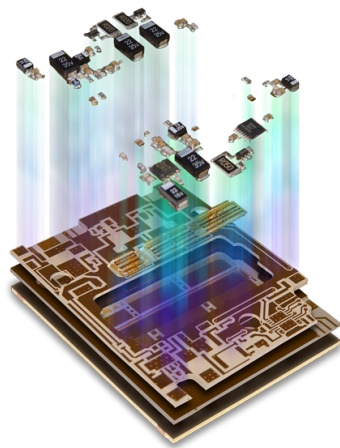


[Contact MELCOM](#) for detailed specification, pricing and availability

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**Multi-Mix Microtechnology is an unique and established process for hi performance Multilayer Integrated Circuit with numerous applicator**



- Quad Hybrids
- Beamformers
- Delay Lines
- Directional Couplers

- Filters
- Vector Modulators
- Phase Shifters
- Custom Integrated Modules

- Antenna Tiles

The following are examples of the Multi-Mix range:

### Couplers

Directional Coupler CSD-10H-1.5g



### Features

- 1.0 - 2.0 GHz
- Low loss, low cost
- High density
- Excellent coupling accuracy
- Surface mount
- Tape & reel available

[Example Datasheets](#)

### Power Dividers

Power Divider PDD-2C-3.0g



### Features

- 2000-4000 MHz
- High isolation
- Low loss
- Excellent phase/amplitude balance
- Surface mount
- Tape & reel

[Example Datasheets](#)

### Quad Hybrids

QHD- 2BH-0.45g



### Features

- 380-520 MHz
- High isolation
- Low loss
- Excellent phase/amplitude balance
- Surface mount

[Example Datasheets](#)

### Filters

Filter FBGC-1.44g



### Features

- Low loss
- No tuning
- Surface mount
- Tape & reel available
- Low cost

[Example Datasheets](#)

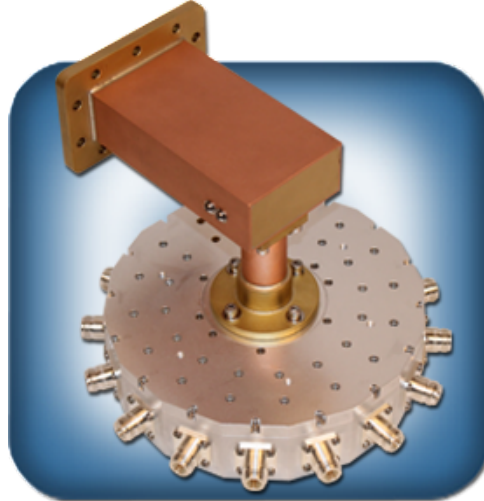
[Contact MELCOM](#) for detailed specification, pricing and availability

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## High Power Radial Combiners

Ideal for Radar, Electronic warfare and Telecom Systems



### Features

- 16 way combiner covering full 2700-3500 MHz band at 6,000 SCM
- < 0.25 dB of insertion loss
- Supplied with Waveguide Sum Port Connector (ER284)

[Contact MELCOM](#) for detailed specification, pricing and availability

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**Manufacturers of High Quality RF and Microwave Semiconductor Products**

**All M-Pulse products are lead free and ROHS Compliant**

- Diodes
- Transistors
- Gain Block
- Capacitors



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**TS** inTEST Thermal Solutions  
an inTEST Company

**Eco-Thermostream ECO-710**

**melcom**  
MELCOM ELECTRONICS LIMITED

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Why Choose the Eco-Thermostream ECO-710?

Provides fast effective testing of electronic components, boards and modules, for PCBs and small assemblies


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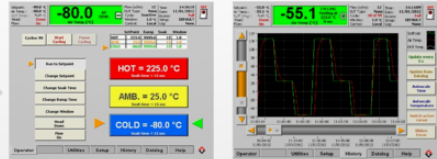
<ul style="list-style-type: none"> <li>• Low energy, quiet system</li> <li>• Noise level &lt;56 dBA</li> </ul>	<p>Eco Friendly/Low Noise System</p>	<ul style="list-style-type: none"> <li>• Auto power reduction when system is idle.</li> <li>• Economically efficient</li> <li>• 20 amp operation</li> </ul>
<ul style="list-style-type: none"> <li>• No annual leak testing required per EU 517/2014</li> </ul>	<p>No Leakage Test</p>	<ul style="list-style-type: none"> <li>• No need for liquid nitrogen (LN<sub>2</sub>) or liquid carbon dioxide (LCO<sub>2</sub>)</li> </ul>
<ul style="list-style-type: none"> <li>• Rapid temperature transitions -55°C to 125°C in 10 seconds</li> </ul>	<p>Fast/High Speed Testing</p>	<ul style="list-style-type: none"> <li>• Temperature range: -80°C to + 225°C</li> <li>• 50/60Hz</li> <li>• Heated defrost feature</li> </ul>

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Perfect solution for those organisations keen to reduce carbon emissions and noise pollution.  
The only system in its class that saves expense of performing annual leak checks.

**TS** inTEST Thermal Solutions  
an inTEST Company





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[Contact MELCOM](#) for detailed specification, pricing and availability



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