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Elkay Electromech India Pvt Ltd,

No. 790, 11th Main, Vijaya Bank Layout, Off. Bannerghatta Road, Bilekahalli, Bangalore - 560 076.

Ph: + 91 8046897200, E-mail: sales@elkayindia.com

Our Regional Offices

AHMEDABAD • DELHI • HYDERABAD



Electromech India Pvt. Ltd.

RF & MICROWAVE Products

 PoleZero Corporation	<p>Electronically Tunable Band Pass Filters (10MHz To 24GHz): Narrow Band Filters (single octave): NANO-POLE Series, MINI-POLE Series, MINI SMT Series, MAXI-POLE Series, MAXI/4R Series, POWER-POLE Series, MEGA-POLE Series. Wide Band Filters (multi-octave): NANO-ERF Series, MICRO-ERF Series, MINI-ERF Series, ERF-5W, Series. Notch Filters: MINI-POLE Notch Series. MAXI-POLE Notch Series, POWER POLE Notch Series. Integrated Cosite Equipment (ICE). Cosite Interference Analysis Software, VHF & UHF 4 Port Digitally Controlled Tunable Multicouplers, Pre selectors.</p>
 Spectrum Microwave	<p>Detectors, Mixers (10MHz to 18GHz), SAW Filter & Delay Modules, Patterning of metallized Alumina Substrates, Amplifiers (Low Noise Amplifiers, Power Amplifiers, Limiting Amplifiers), Attenuators (Voltage Variable and Digital). Space Grade Components: VCO (Hermetically sealed from 30MHz-3000MHz), LNA up to 3GHz, Switch (Pin Diode, GaAs).</p>
 K&L Microwave	<p>Tunable Filters: Manual Tunable Filters, Digitally-Controlled Tunable filters (Transmit Filters, Receive Filters, Notch Filters, Suspended Substrate, Wave Guide, Ceramic Filters), Duplexers / Diplexers, Multiplexers, Switched Filter Banks, PIN Diode Switches, Wireless Filters, Wireless Duplexers, Wireless Assembly. Space Grade Components: Filters up to 40 Ghz.</p>
 JFW	<p>Attenuator Assemblies, RF Switch Assemblies, Transceiver Testing, Programmable Attenuators, Switches, Power Dividers / Combiners, Fixed Attenuators. Terminations & Rotary Attenuators (DC-40GHz), Panel Mount Attenuators, Push button Attenuators, Toggle & Rocker Attenuators, USB Programmable Attenuators, RF Test System (Programmable Attenuator assembly), RF Matrix switches, Handover test system, Test Accessories.</p>
 S2D Microwave	<p>Microwave Switch, RF Amplifiers, Attenuators, Detectors, DC Block/Bias Tee, Limiter 5 MHz to 65 GHz.</p>
 Ropet RF Design	<p>Multiplied Gated Crystal Oscillators, Phase Locked Oscillators (PLO/PLL), Driver Amplifiers & Synthesizers, RF Transceivers, IFF1030 MHz, 250 Watt Power Amplifiers with PAM & PSK modulation, Gated Avionics IFF Oscillator Modules.</p>
 Synergy Microwave	<p>Voltage Controlled Oscillators (VCO) up to 18GHz, SAW Oscillators up to 2GHz, Dielectric Resonator Oscillators (DRO) up to 20 GHz, PLL frequency synthesizers, Couplers up to 18 GHz, Hybrids up to 8GHz, 2 way Power Dividers up to 16.5GHz, 3 way Power Dividers up to 2.3GHz, 4 way Power Dividers up to 6GHz, LPF's, BPF's, HPF's, Bridge Combiners, Transformers up to 6.5GHz, Mixers, Modulators, Demodulators, Frequency doublers, Phase comparators, phase detectors, phase shifters.</p>
 Spectrum Control Inc	<p>Coaxial Filters (Discrete EMI/EMC Filters), Filtered Circular Connectors, EMI power filters (Power Line Filters & Power Entry Modules), Ceramic Capacitors, Magnetic Transformers, Magnetic Inductors:</p>
 Tagore Tech	<p>RF Isolation Switch for Rx Protection, High Power (10W, 20W,100W) RF SP2T, SP3T, SP4T Switches for SDR, TR Modules. Smallest Front End RF switch for TxRx Telecom Systems.</p>
 Advanced Semiconductor Business	<p>Power Amplifiers, LNA's up to 6GHz, GaN Power devices in RADAR band C, X, Ku and Ka Band. Power 30W Peak, Gain Block Amplifier.</p>



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RF & MICROWAVE Products

 Microchip MicroChip	<p>Crystals, Crystal Oscillators, MEMS Oscillator, TCXO, OCXO, EMXO, VCXO, VCSO, SAW Filter, Crystal Filter, LC Filter, Disciplined Oscillators, Diplexers - for Military & Space, Industrial, Wireline, Wireless segments. Highlights: Space & High-Rel Oscillators and Filters, Low Phase noise, High Stability, High Shock & Vibration, Low g-sensitivity, Ultra low jitter.</p>
 Apollo microwaves Apollo Microwave	<p>DC-67GHz Waveguide components from 1W to 50kW power handling, Waveguide to Coaxial adapters, Waveguide-bends (Flexible, Twistable, Seamless), Transitions, Antenna Feeds, Isolators, Circulators, Diplexers, Magic Tees, Amplifier Output Assemblies, Couplers: Cross-Guide Couplers, Directional Couplers, Hot Standby Couplers, Frequency Combiners, Double Ridge Components, Waveguide Filters, Phase Combiners, Variable Power Combiners, Rotary Joints, Pressure Windows, Terminations.</p>
 VivaTech THz Terahertz Innovations Vivatech Thz	<p>Millimeter Wave Amplifiers, Active Frequency Multipliers, VCO Frequency Sources, PLO Based Frequency Sources, Waveguide Mixers, Detectors, Isolators, Variable / Fixed Attenuators, Couplers, Filters, Horn Antennas, Downconverter Modules, Frequency Extension TR_R Module Sets, Cryogenic Primary Noise Standard</p>
 microwave amps A ScandNow Company Microwave Amplifiers Ltd	<p>Solid State Power Amplifiers - CW/Pulsed Amplifiers 20kW up to S Band, 1kW up to C Band, 100W up to X band, 1W up to Ku band, Modular LNA's up to 20GHz and Amplifiers for IMD testing.</p>
 KRYTAR Krytar	<p>Directional Couplers up to 67GHz, Dual Directional Couplers up to 40GHz, 2 way Power dividers up to 45GHz, 4 way Power dividers up to 40GHz, 8 way Power dividers up to 18GHz, Zero Bias Schottky Detectors. Thermo-Vacuum Compatible: In-series and between series adapters - 2.92 mm, 2.4mm, coupler & power divider.</p>
 M2 GLOBAL Technology, Ltd. M2 Global	<p>Coaxial/Drop-In/Waveguide/Flange Circulators & Isolators, Iso adaptors, Directional Couplers, Integrated Iso filters Couplers & Dividers, Microwave Radio Receiver Couplers & Splitters, Coaxial Power Dividers.</p>
 HYTEM Hytem	<p>DC to 110 GHz high power Attenuators , Terminations.</p>
 SPECTRUM CONTROL Inmet	<p>Powerfilm Components, Adapters (In series & between series), Fixed Attenuators, DC Blocks up to 50GHz, Terminations, Gain Equalizers (up to 18GHz), Power Divider (Wilkinson & Broadband resistive Power Dividers up to 26.5GHz) Space Grade Components: Chip Attenuators, Chip Resistors.</p>
 CRANE AEROSPACE & ELECTRONICS Crane Aerospace	<p>Directional Couplers, Power Dividers, Hybrid Junctions, Mixers Detectors/Modulators, Iso-Dividers, Mixers, Available in Space Qualified and Commercial models also with Flat pin, SMD, Connectorized packages.</p>
 FOCUS MICROWAVES Focus Microwave	<p>Load Pull & Source Pull and Noise Measurement solutions for RF active device characterization using Automatic Tuners, Fundamental Wideband Tuners, Multi- purpose Multi-Harmonic tuners, High Reflection tuners, Low frequency (<100MHz) Tuners, Manual Tuners over the widest frequency range (30MHz to 110GHz) and Power (up to 450W CW). Measurement and characterization software, Load pull setup accessories (Transistors test fixtures, VNA TRL calibration kits, Tuner Probe Stations and Integrated Solutions, PULSED IV RF Measurements, DEVICE MODELLING).</p>
 JERSEY MICROWAVE Jersey Microwave	<p>Fixed LO Block Converters Ku, Ka, Q & V band block converters indoor or outdoor. Frequency Converters, Redundancy Systems, Test Loop Translators, Solid State Amplifier BUCs</p>



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RF & MICROWAVE Products

 Peak Communications	Line Amplifiers , Up/Downconverters, Test Loop Translators, Splitters & Combiners, Fixed Frequency Convertors
 Misco Speakers	Speakers,
 Altum RF	Power Amplifiers, Low Noise Amplifiers, Distributed Amplifiers, Switches
 Preferred Power Products	Coaxial Terminations, Dropin- SMT Couplers, Resistors & Terminations, High power attenuators, SMT Fixed attenuators, Coaxial Attenuators, CVD Diamond
 Flex DSL Modems	Fibre Optic Modems, SHDSL Modems, Miniflex Multiplexer, Industrial Managed switches
 AA-MCS	Broad band Power Amplifiers, Directional Couplers, Hybrid Couplers, Power Dividers, Switches, Filters.
 ULTRA-CTI	Integrated Synthesizers, DRO's, CRO's, PDRO's, PCRO's PLDRO's (DC-40 Ghz), Miniature Block Up/Down Converters (C, X, Ku, Ka band signals to L-Band or vice versa).
 Deti Microwave	Duplexers, Multiplexers, Couplers, Combiners, Dividers, Broadband Mixers, Up & Down Converters, PIN diode limiters.
 Electronic Research INC	Rigid Coaxial Line, Coaxial Cable, Elliptical Waveguide, Circular Waveguide, Pressurization Equipment Dehydrators, Pressurisation Components, Motorised mechanical switches.
 Nuwaves	RF Up converters, RF Down converters, Low noise Amplifiers up to 10GHz with 35dB gain, RF Bidirectional Amplifiers (BDAs) up to 2.5GHz, Power Amplifiers up to 50W, RF Filters, RF Photonics. Pre-selectors & Tuners, Synthesizers & RF Signal Sources, Miniature Harmonic Filters, High Performance Cavity Filters & Custom Filters.

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