

# MAXMEGA

## PASSIVE COMPONENTS / ELECTROMECHANICAL



- AEM Components**
- AirMatrix® Surface Mount fuses.
  - SolidMatrix® Chip fuses.
  - GcDiode® ESD Suppressors.
  - Multilayer Chip beads, Inductors & Varistors
  - Polymer ESD Suppressor, PTC



- AEM Inc**
- High Reliability Solid Body Fuses – QPL approved
  - High Reliability Ferrite Chip Beads – DSCC approved
  - Tin Whisker Mitigation (SN/Pb Conversion Process)- Aerospace Qualified



- RF Inductors
- Power Inductors
- EMI/RFI Suppressors
- Transformers



- Ceramics/Tantalum Capacitors
- Inductors Ferrite Beads
- LEDs: Chip/RGBs/Flash



- Hi-Rel Space & Smart Card Connectors
- Tact Switch, Keypad, Push Button.
- Multi-switch modules with integrated connections
- Custom termination/connector



- EDLC/Super Capacitors
- Low ESR Polymer Cap
- Electrolytic & Polymer Caps (SMT, Radial & Axial lead)



- High Frequency SLC
- Custom Products for Optical Networking
- Higher capacitance density



- High Q MLC (Broadband Blocks, Low ESR)
- High Frequency SLC
- SM Bandpass, Lowpass, Highpass Filters
- Power Dividers, Couplers, Gain Equalizers
- Custom Thin Film Products



- Air Trimmers, Non-Magnetic Trimmer Capacitors
- Cera-Trim®, Thin-Trim®, Seal-Trim®, Giga-Trim® Trimmer



- High Volt MLCC (up to 20kV)
- DSCC 87106 Approval
- High Temperature Detonator Capacitors, ( up to 200°C)
- Surge Protection and Arc Prevention Capacitors
- Stack Capacitors



- High Volt Cap (up to 12KV)
- Safety Capacitors Y2/X1, Y3/X2, Y2/X1, Y2/X1 & X2
- SMD EMI Filters & Pi-Filter
- Planars Discoidals
- FlexiCap™ polymer
- AECQ Qualified Caps



- Precision Trimmer Cap Glass
- Sapphire Teflon/dielectric Trimmer Capacitors
- Ceramic Trimmer Capacitors
- Non-Magnetic Trimmer Cap



- Surface-Mount Dielectric Resonator (Ceramic) filters
- RF Microwave filters, Diplexers, Waveguide & Switch Filter Bank
- Coaxial GPS Notch Filters
- Ruggedized Hybrid (Mixed Technology) Filters



- Coaxial & Waveguide Switch
- Integrated Matrix Switching solutions
- Custom RF systems
- Integrated switch modules with PXI platforms



- RF and microwave filters
  - LP, HP, BP, Notch
- Duplexers/Diplexers and Multiplexer
- Switch Filter Bank
- Ceramic, Cavity, Waveguide and Tunable Filters
- Low PIM solutions



- Custom Tunable Filters
- Integrated Cosite Equipment(ICE)
- Low Noise & Cosite Power Amplifiers (up to 100Wpeak)
- Digitally Tunable Multicoupler



- SMT Super small test point
- SMT Tapped spacer
- SMT Base & Threaded inserts
- Test pin, socket pin, Jumper
- SMT Wire Wrap Terminal



- Character, Graphic & Chip on Glass LCD
- OLED and TFT
- Noise Suppression Capacitors
- High Pulse and Snubber Capacitors



- RESISTORS • CAPS & COILS • DELAY LINES
- Shunt, Temp Sensor & Hybrid Circuits Resistive Products
  - Hi-Temp, Hi-Surge Resistors
  - Network Resistor



- LED Chip On Board (COB) Holder
- Touch panels (Customized)
- AC charger, Communication modules, Remote control
- Connectors, Jacks & Plugs



- Connectors for Aerospace & Defence, Industrial & Rail
- Harness/Box System - Military Vehicle/Communication



- Power Magnetic (Hi-Q, Low-Power)
- EPS(Electronic Power Steering)
- Commercial & Hi-Rel Hybrid Microcircuits
- Trimmer/Precision Potentiometers



- Precision Resistors on Thick & Thin Film Technologies
- Hi-Power, Hi-Rel, Hi-Temp, Hi-Volt Resistor
- Current Sense Resistor



- Sensor: Infra-Red/Hall Effect
- LED(SMT/Through-Hole): Infra-Red & Visible Light
- Fiber Optic Components



- Hi-Rel Voltage Regulators
- MOSFETs, IGBTs
- Custom Power Modules



- Fusible Resistor(UL Recognize wirewound)
- Hybrid Resistor Solution
- Low Resistance Metal Alloy & Element Current Sensor resistor



- MLCC & Power Inductors
- Polyacene & Lithium Cap
- Saw Filters, Chip Antennas
- Wireless Modules: Bluetooth/Wireless Lan/GPS
- Wireless String Monitoring System

## ACTIVE / DISCRETE COMPONENTS



- Wireless Networking and Computing Specialized in
- WLAN Network
  - NFC for Mobile
  - Bluetooth for Data
  - WiFi devices
  - PLC (Powerline Solution)



- High Voltage Rectifiers, Switching Diodes
- Super Fast Recovery Diodes, Bridge Rectifiers
- High power TVS Diodes – 1500 to 50KW
- Zener Diodes
- TS16949 Certified



- DC/DC Converter
- Voltage Regulators
- Voltage Detectors
- LED Lighting Driver
- Charge Pump IC
- Battery charger IC
- Temperature Sensors
- Power MOSFETs
- TVS/Diodes



- High Thermal Performance Schottky and Bridge (ZPAK Series)
- Low VF, Hi-Efficiency, Fast Recovery Bridge Rectifier (SMD /Axial)
- Schottky Diodes
- Switching Diodes
- TVS SuperChip™ & CoolTe™
- AECQ Qualified

The applicable territory of distribution should be subjected to the respective authorization of suppliers in product lines

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