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**MARSH**  
Electronics, Inc.

 **ecia**  
MEMBER

[www.marshelectronics.com](http://www.marshelectronics.com)



A subsidiary of TT electronics plc

Power-cell Battery Products, LLC

# MANUFACTURERS LIST

**A** ABBATRON / HH SMITH  
ADAM TECHNOLOGY  
AEROVOX  
AIM ELECTRONICS  
AKRO MILS  
ALMA  
ALPHA  
ALPS  
ALTECH  
AMERICA SEMICONDUCTOR  
AMERICAN BRIGHT  
AMERICAN HAKKO  
AMERICAN ZETTLER  
AMPHENOL RF  
ANGSTROHM (VISHAY)  
APC  
APEM COMPONENTS  
APM HEXSEAL  
ARCOLECTRIC (ELEKTRON)  
ARCOTRONICS (KEMET)  
ASC CAPACITOR  
AVC COMPONENTS  
AVERY DENNISON

**B** BACO CONTROLS  
BARKER MICROFARADS  
BC COMPONENTS (VISHAY)  
BEAU (MOLEX)  
BELDEN WIRE  
BEYSCHLAG (VISHAY)  
BHC (KEMET)  
BI TECHNOLOGIES (TT ELECTRONICS)  
BISHOP ELECTRONICS  
BRAD HARRISON (MOLEX)  
BUD INDUSTRIES  
BULGIN (ELEKTRON)

**C** CAMBRIDGE PRODUCTS  
CARLING TECHNOLOGIES  
CAROL CABLE  
CERA-MITE (VISHAY)  
CHALLENGE ELECTRONICS  
CHEMTRONICS  
CHERRY ELECTRICAL PRODUCTS  
CHICAGO MINIATURE (VCC)  
CINCH  
CIT RELAY & SWITCH  
CKE  
COLE HERSEE (LITTELFUSE)  
COMCHIP  
COMUS INTERNATIONAL  
CONTA-CLIP  
CONXALL  
COOLISYS  
COOLTRON  
COOPER / BUSSMANN (EATON)  
COOPER / BUSSMANN  
TRANSPORTATION (EATON)  
COOPER / BUSSMANN  
- MAGNUM (EATON)  
COOPER WIRING (EATON)  
CORNELL DUBILIER  
CSB BATTERY  
CURTIS  
CUSTOM CONNECTOR CORP.

**D** DALE (VISHAY)  
DANTONA  
DELTRON  
DIALIGHT  
DIVERSIFIED  
DRALORIC (VISHAY)

**E** E - SWITCH  
EAO  
EATON COMMERCIAL CONTROLS  
ECS  
ELECTRONIC DEVICES INC.  
EE CONTROLS  
ELECTROSWITCH / OAK GRIGSBY  
ELYSSA  
EMERGING DISPLAY TECHNOLOGIES  
ENERGIZER / EVEREADY  
ESTA (VISHAY)  
E-T-A  
EVERGREEN  
EVERLIGHT  
EVOX / RIFA (KEMET)  
EXM  
EXTECH

**F** FECOM  
FEMA ELECTRONICS  
FINDER RELAYS  
FLIR SYSTEMS  
FLUKE TEST EQUIPMENT

**G** GE CAPACITOR  
GENERAL CABLE  
GRAYHILL

**H** HELLA  
HELLERMAN TYTON  
HAMLIN (LITTELFUSE)  
HEYCO  
HIGH VOLTAGE SYSTEMS  
(COLLMER)  
HOBART ELECTRONICS  
HUNTINGTON (VISHAY)

**I** ICM  
IDI / CHICAGO MINIATURE  
IEE  
INTEGRATED PRODUCTS (VISHAY)  
INTELIX  
ITW PANCON

**J** JST

**K** KEMET  
KEYSTONE

**L** LAMB (E-SWITCH)  
LEVITON  
LIGHTING COMPONENTS & DESIGN  
LITTELFUSE  
LUMBERG  
LUMEX  
LS MTRON  
L-COM

**M** MADISON CABLE  
MAGNECRAFT (SE RELAYS)  
MAGNUM (USD)  
MALLORY SONALERT PRODUCTS  
MANHATTAN WIRE  
MARCON (UCC)  
MARINCO  
MARQUARDT  
MECHATRONICS  
MEGA ELECTRONICS  
MEPCOPAL (VISHAY)  
MERITEK  
METHODE POWER FLEX CABLE  
MIDDLE ATLANTIC  
MILWAUKEE RESISTOR (VISHAY)  
MMD  
MOLEX INDUSTRIAL PRODUCTS  
MUELLER  
3M (ESM)

**N** NATIONAL CONTROLS  
NEC TOKIN  
NEUTRIK  
NEWHAVEN DISPLAY  
NICHICON  
NKK SWITCH  
NORDX / BELDEN  
NTE

**O** OHMITE  
OPTEK (TT ELECTRONICS)  
ORION / KNIGHT ELECTRONICS  
OTTO CONTROLS  
OPTOELECTRONIX

**P** PALADIN  
PANDUIT  
PHILMORE  
PHOENIX PASSIVES (VISHAY)  
PLATT LUGGAGE  
PMA CABLES  
POMONA ELECTRONICS  
POWER-CELL (ZEUS)  
POWEREX  
PUI AUDIO  
PROTON

**Q** QUALTEK

**R** RCD COMPONENTS  
REGAL BELOIT CORPORATION  
RIA CONNECT (METZ CONNECT)  
RIEDON  
RODERSTEIN (VISHAY)  
ROGAN  
ROSENBERG / ETRI  
RUBYCON

**S** SAMTEC  
SANYO DENKI AMERICA  
SANYOU RELAYS  
SB ELECTRONICS  
SCHNIEDER ELECTRIC RELAYS  
SEALCON  
SEI (STACKPOLE)  
SEMICONDUCTORS (VISHAY)  
SE RELAYS  
SFERNICE (VISHAY)  
SILICONIX (VISHAY)  
SIRECTIFIER  
SOLA  
SOLICO  
SONG CHUAN  
SPACECRAFT COMPONENTS  
SPECO  
SPECTROL (VISHAY)  
SPRAGUE (VISHAY)  
STEGO  
STEREN  
STRUTHERS DUNN  
SUNBRITE  
SUPERIOR ELECTRIC  
SURGE COMPONENTS  
SWITCHCRAFT

**T** TECCOR (LITTELFUSE)  
TECHNO (VISHAY)  
TECH SPRAY  
THERMACTIVE  
TRIAD  
THIN FILM (VISHAY)

**U** UCC

**V** VAOPTO  
VCC  
VCS (VISHAY)  
VEETHREE  
VINA TECH  
VISHAY  
VITRAMON (VISHAY)  
VOLEX  
VYNCKIER

**W** WAKEFIELD  
WICKMANN (LITTELFUSE)  
WOODHEAD (MOLEX)





# PRODUCT LIST

## AUDIO ALARMS

Challenge Electronics  
Intelix  
Mallory Sonalert Products  
Ohmite  
PUI Audio

## BATTERIES

CSB Batteries  
Dantona  
Energizer / Eveready  
Evergreen  
Power-Cell (Zeus)

## CAPACITORS

Aerovox  
Angstrom (Vishay)  
Arcotronics (Kemet)  
ASC Capacitor  
Barker Microfarads  
BC Components (Vishay)  
Beyschlag (Vishay)  
BHC (Kemet)  
Bishop Electronics  
Cera-Mite (Vishay)  
CKE (Dean Technologies)  
Cornell Dubilier  
Dale (Vishay)  
Draloric (Vishay)  
Eaton  
Esta (Vishay)  
Evox / Rifa (Kemet)  
GE Capacitor  
Intergrated Products (Vishay)  
Kemet  
LS Mtron  
Mallory (CDE)  
Marcon (UCC)  
Meritek  
NEC Tokin  
Nichicon  
RCD Components  
Regal Beloit Corp Roderstein  
(Vishay) Rubycon  
SB Electronics  
Semiconductors (Vishay)  
Sfernice (Vishay)

Siliconix (Vishay)  
Spectrol (Vishay)  
Sprague (Vishay)  
Surge Components  
Techno (Vishay)  
Thin Film (Vishay)  
UCC  
VCS (Vishay)  
Vina Tech  
Vishay  
Vitramon (Vishay)

## CHEMICALS

Chemtronics  
Tech Spray

## CHOKES, COILS, & INDUCTORS

BI Technologies  
Dale (Vishay)  
Hobart Electronics  
NEC Tokin  
Ohmite  
RCD Components  
Stackpole  
Triad  
Vishay

## CONNECTORS & TERMINALS

3M (ESM)  
Adam Technologies  
Altech  
Amphenol (RF Division)  
Beau (Molex)  
Bulgin (Elektron)  
Cambridge Products  
Conta-clip  
CONXALL  
Cooper Wiring  
Hella  
ICM  
ITW Pancon  
JST  
Leviton  
Lumberg  
Molex Industrial Products (Brad Harrison)  
Mueller  
Neutrik  
Panduit  
Philmore  
Pomona Electronics  
Samtec  
Sealcon  
Spacecraft Components  
Stereon  
Switchcraft  
Woodhead (Molex)

## CRYSTALS / OSCILLATORS

ECS  
MMD  
Vishay

## EMI / RFI FILTERS

Curtis  
Mechatronics  
Mega Electronics  
Qualtek

## ENCLOSURES

Altech  
Bud Industries  
Conta-clip  
EXM  
Middle Atlantic  
Sealcon  
Stego  
Vynckier

## FANS & BLOWERS

AVC Components  
Cooltron  
Rosenberg / ETRI  
Mechatronics  
Orion / Knight Electronics  
Rosenberg / ETRI  
Sanyo Denki America  
Stego  
Thermactive

## FUSES & CIRCUIT BREAKERS

Altech  
Bulgin (Elektron)  
Bussmann Automotive Products (Eaton)  
Carling Technologies  
Cooper / Bussmann (Eaton)  
EE Controls  
E-T-A  
Littelfuse  
Wickman Fuses (Littelfuse)

## HARDWARE

Abbatron / HH Smith  
Akro-Mils  
Altech  
APEM  
Hellerman Tyton  
Heyco  
Keystone  
Mueller  
Panduit  
Rogan  
Sealcon  
Speco  
Superior Electric

## HEAT SINKS & EXTRUSIONS

Fecom  
Fema Electronics  
Wakefield

## KEYBOARDS & KEYPADS

Cherry  
EAO / Secme  
Fema Electronics  
Grayhill

## LAMPS, DISPLAYS & LED'S

American Bright  
Chicago Miniature (VCC)  
Dialight  
EAO  
Emerging Display Technologies  
Everlight  
Fema Electronics  
Hella  
IEE  
Lee Craft (VCC)  
Leviton  
Lighting Components & Design  
Lumex  
Newhaven Display  
Optek (TT Electronics)  
OptoElectronix  
Proton  
Solico  
Stego  
Sunbrite  
VaOpto  
VCC  
Vishay

## METERS & INSTRUMENTATION

Flir Systems  
Fluke  
Philmore  
Veethree  
Vishay

## MICROPHONES

PUI Audio



**POWER CONDITIONING**

APC  
Superior Electric  
Sola

**POWER SUPPLIES**

Altech  
Coolisys  
Philmore  
Mega Electronics  
Qualtek  
Sola / Hevi-duty  
Triad

**RELAYS & SOCKETS,  
TIMERS & I/O MODULES**

Altech  
American Zettler  
CIT Relay & Switch  
Comus International  
Custom Connector Corporation  
Deltrol  
Diversified  
Finder Relays  
Grayhill  
Hella  
Magnecraft  
National Controls  
Sanyou Relays  
Schnieder Electric Relays  
SE Relays  
Song Chuan  
Struthers Dunn

**RESISTORS, NETWORKS,  
TRIMMERS, & POTENTIOMETERS**

Alps  
BC Components (Vishay)  
BI Technologies (TT Electronics)  
Dale (Vishay)  
Draloric (Vishay)  
Huntington Electric (Vishay)  
Mepcopal (Vishay)  
Meritek  
Milwaukee Resistor (Vishay)  
Ohmite  
Phoenix Passives (Vishay)  
RCD Components  
Riedon  
SEI (Stackpole)  
Sfernice (Vishay)  
Spectrol (Vishay)  
VCS (Vishay)

**SEMICONDUCTORS**

America Semiconductor  
CKE (Dean Technologies)  
Comchip  
EDI  
Littelfuse / Teccor  
Powerex  
Sirectifier  
Surge Components  
Teccor (Littelfuse)  
Vishay

**SOLENOIDS**

Cole Hersee (Littelfuse)  
Deltrol  
ElectroSwitch / OAK Grigsby

**SOUND AND SECURITY**

Challenge Electronics  
Elyssa  
PUI Audio  
Speco Tech

**SWITCHES**

Alps  
Altech  
Apem Components  
Apm Hexseal  
Arcoelectric (Elektron)  
Baco Controls  
Bulgin (Elektron)  
Carling Technologies  
Cherry Electrical Products  
CIT Relays & Switches  
Cole Hersee  
Comus International  
E - Switch  
EAO  
Eaton Commercial Controls  
Electroswitch  
Grayhill  
Lamb  
Marquardt  
NKK Switches  
Otto Controls  
Switchcraft

**TERMINAL BLOCKS**

Altech  
Cinch  
Conta-clip  
Cooper / Magnum (Eaton)  
Cooper / USD (Eaton)  
Curtis  
Custom Connector Corp.  
Molex Industrial Products  
RIA Connect (Metz Connect)

**TEST EQUIPMENT**

Extech  
Flir Systems  
Fluke

**TOOLS**

AIM Electronics (tools)  
Alma  
American Hako  
ICM  
Paladin Tool  
Platt Luggage

**TRANSDUCERS / SENSORS**

Altech  
Challenge Electronics  
Cherry  
Comus International  
Eaton  
Hamlin (Littelfuse)  
Optek (TT Electronics)  
PUI Audio  
Vishay

**TRANSFORMERS**

BI Technologies (TT Electronics)  
Dale (Vishay)  
Hobart Electronics  
Superior Electric  
Triad  
Vishay

**VARISTORS**

CKE (Dean Technologies)  
HVCA (Dean Technologies)  
Littelfuse / Teccor  
Meritek  
Stackpole  
UCC  
Vishay

**WIRE, CABLE, CORDS &  
TUBING**

3M (ESM)  
Alpha  
Avery Dennison  
Belden Wire  
Carol Cable  
Cooper Wiring Devices (Eaton)  
General Cable  
Hellerman Tyton  
Leviton  
L-Com  
Madison Cable  
Manhattan Wire  
Marinco  
Mega Electronics  
Methode Power Flex Cable  
Nordx/Belden  
Panduit  
Philmore  
PMA Cables  
Qualtek  
Volex



**CORPORATE  
HEADQUARTERS  
MILWAUKEE, WI**

414/475-6000 • Fax: 414/771-2847

**APPLETON, WI BRANCH**  
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**COLUMBUS, OH BRANCH**  
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**CLEVELAND, OH BRANCH**  
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**INDIANAPOLIS, IN BRANCH**  
317/774-1496 • Fax: 317/774-1676

**CHICAGO, IL BRANCH**  
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**MINNEAPOLIS, MN BRANCH**  
651/452-0218 • Fax: 651/452-8664

**CHARLOTTE, NC BRANCH**  
704/663-6560

A DIVISION OF MARSH ELECTRONICS, INC.



## Reduce Costs, Production Time and Supplier Base with Marsh MarVac

Marsh MarVac is your UL Recognized and IPC / WHMA-A-620 source for quality products. Marsh MarVac provides quality and on-time delivery for your wire processing, light cable assemblies, soldering, crimping requirements, light mechanical assembly and component kitting/packaging.

### CURRENT CAPABILITIES

#### Wire Processing

- Cutting / Stripping / Marking of 6AWG-32AWG Wire  
Including Multi-Conductor
- Crimping – 6AWG-32AWG
- Ultrasonic Spot Welding
- Wire Twisting – 14AWG-32AWG
- Flat Cable to 64 conductor
- Teflon
- Silicone
- Hypalon
- PVC
- Automotive / Marine

#### Cutting Tubing / Sleeving-PVC

- Shrink
- Fiberglass
- Corrugated Loom
- Teflon

#### Harness Capabilities

- Single Lead
- Multi-Conductor
- Ribbon Cable
- Twisted Pairs
- Modular – Phone, Cat5, Serial
- Indicator Light Assembly
- Lighted Switches / Lamps
- Terminal Blocks
- Kitting / Bagging
- Special Packaging
- Light Mechanical Assembly

#### RoHS Soldering

- Component
- Board Soldering (Through-Hole)
- Lead Tinning
- Lead to Component
- ESD Safe

#### Mechanical Sub-Assemblies

