

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

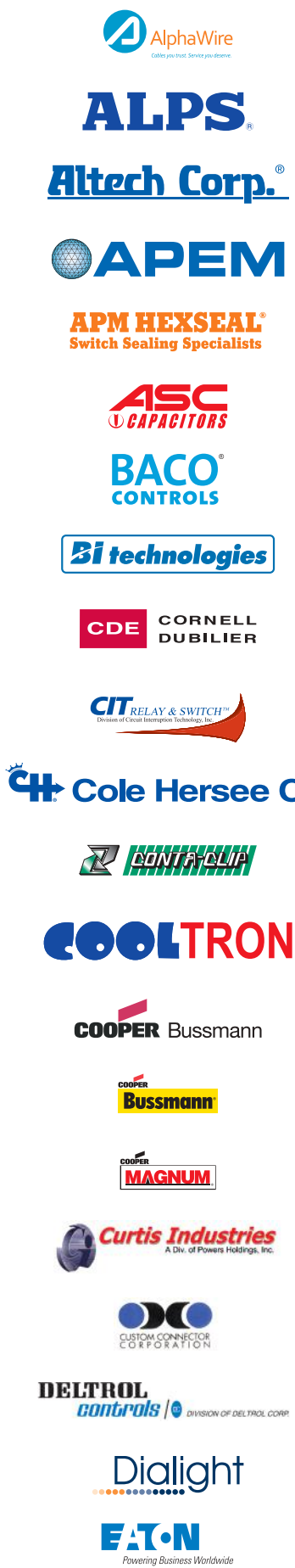
Harness Capabilities

- 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



MARSH
Electronics, Inc.



MANUFACTURERS LIST

ABBATRON / HH SMITH
ABL LIGHTS
ADAM TECHNOLOGY
AEROVOX
AIM ELECTRONICS (CINCH)
ALPHA
ALPS
ALTECH
AMERICA SEMICONDUCTOR
AMERICAN BRIGHT
AMERICAN HAKKO
AMERICAN ZETTLER
AMPHENOL RF
ANGSTROHM (VISHAY)
APC
APEM COMPONENTS
APM HEXSEAL
APOLLO VIDEO TECHNOLOGY
ARCOLECTRIC (ELEKTRON)
ARCOTRONICS (KEMET)
ASC CAPACITOR
ATC DIVERSIFIED
AVERY DENNISON

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

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

DALE (VISHAY)
DANTONA
DDK CONNECTOR (DIVISION
OF FUJIKURA AMERICA)
DELTRON
DIALIGHT
DIVERSIFIED ELECTRONIC (ATC)
DRALORIC (VISHAY)

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

FECOM
FEMA ELECTRONICS
FLIR SYSTEMS
FLUKE TEST EQUIPMENT

GE CAPACITOR
GENERAL CABLE
GRAYHILL

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

ICM
IDI / CHICAGO MINIATURE (VCC)
IEE
ILLINOIS CAP (CDE)
INTEGRATED PRODUCTS (VISHAY)

JST

KEMET
KEYSTONE
KNIGHT/ORION

LLAMB (E-SWITCH)
LEVITON
LIGHTING COMPONENTS & DESIGN (VCC)
LITTELFUSE
LITTELFUSE - COMMERCIAL VEHICLE
LUMBERG
LUMEX
LS MTRON
L-COM

M(SCHNEIDER ELECTRIC)
MAGNUM (USD)
MALLORY SONALERT PRODUCTS
MANHATTAN WIRE
MARCON (UNITED CHEMI-CON)
MARINCO
MARQUARDT
MARSH BELLOFRAM (ATC)
MECHATRONICS
MEGA ELECTRONICS
MEPCOPAL (VISHAY)
MERITEK
METHODE POWER FLEX CABLE
METHODE POWER SOLUTIONS
METZ CONNECT (RIA CONNECT)
MILWAUKEE RESISTOR (VISHAY)
MMD (ISLI)
MOLEX INDUSTRIAL PRODUCTS
MUELLER
3M (ESM)

NEC TOKIN
NEUTRIK
NEWHAVEN DISPLAY
NICHICON
NKK SWITCH
NORDX / BELDEN
NTE

OPTEK (TT ELECTRONICS)
ORION / KNIGHT ELECTRONICS
OTTO CONTROLS
OPTOELECTRONIX

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

QUALTEK

RCD COMPONENTS
REGAL BELOIT CORPORATION
RELIANCE NORTH AMERICA
RIEDON
RODERSTEIN (VISHAY)
ROGAN
ROSENBERG / ETRI
RUBYCON

SAFRAN ELECTRICAL & POWER
SAMTEC
SANYO DENKI AMERICA
SANYOU RELAYS
SB ELECTRONICS (CDE)
SCHNIEDER ELECTRIC
SEALCON
SEI (STACKPOLE)
SEMICONDUCTORS (VISHAY)
SFFERNICE (VISHAY)
SILICONIX (VISHAY)
SIRECTIFIER
SOLA
SOLICO
SONG CHUAN
SPACECRAFT COMPONENTS
SPECO
SPECTROL (VISHAY)
SPRAGUE (VISHAY)
STANCON (WHITE RODGERS)
STEGO
STEREN
STRUTHERS DUNN
SUNBRITE
SUPERIOR ELECTRIC
SURGE COMPONENTS
SWITCHCRAFT

TECOR (LITTELFUSE)
TECHNO (VISHAY)
TECH SPRAY
THERMACTIVE
TRIAD
THIN FILM (VISHAY)

UNITED CHEMI-CON

VAOPTO
VCC (VISUAL COMMUNICATIONS
COMPANY)
VCS (VISHAY)
VEETHREE
VINA TECH
VISHAY
VITRAMON (VISHAY)
VOLEX

WHITE RODGERS (STANCON)
WICKMANN (LITTELFUSE)
WOODHEAD (MOLEX)

ZZEUS
ZF ELECTRONIC SYSTEMS

PRODUCT LIST

AUDIO ALARMS
Challenge Electronics
Mallory Sonalert Products
PUI Audio

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

CAPACITORS
Aerovox
Angstrom (Vishay)
Arcotronics (Kemet)
ASC Capacitor
Barker Microfarads
BC Components (Vishay)
SPECTROL (VISHAY)
SPRAGUE (VISHAY)
STANCON (WHITE RODGERS)
STEGO
STEREN
STRUTHERS DUNN
SUNBRITE
SUPERIOR ELECTRIC
SURGE COMPONENTS
SWITCHCRAFT

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

UNITED CHEMI-CON

VAOPTO
VCC (VISUAL COMMUNICATIONS
COMPANY)
VCS (VISHAY)
VEETHREE
VINA TECH
VISHAY
VITRAMON (VISHAY)
VOLEX

WHITE RODGERS (STANCON)
WICKMANN (LITTELFUSE)
WOODHEAD (MOLEX)

ZZEUS
ZF ELECTRONIC SYSTEMS

CHEMICALS
Chemtronics
Tech Spray

CHOKES, COILS, & INDUCTORS
BI Technologies
Dale (Vishay)
Hobart Electronics
NEC Tokin
RCD Components
Stackpole
Triad
Vishay

CONNECTORS & TERMINALS
3M (ESM)
Adam Technologies
Altech
Amphenol (RF Division)
Beau (Molex)
Brad Harrison (Molex)
Bulgin (Elektron)
Cambridge Products (Cinch)
Conta-clip
CONXALL
Cooper Wiring (Eaton)
DDK Connector (Division of Fujikura America)
Hella
ICM
JST
Leviton
Lumberg
Methode Power Solutions
Molex Industrial Products
Mueller
Neutrik
Panduit
Philmore
Pomona Electronics
Samtec
Sealcon
Spacecraft Components
Stereon
Switchcraft
Woodhead (Molex)

KEYBOARDS & KEYPADS
Cherry Americas
EAO
Fema Electronics
Grayhill

LAMPS, DISPLAYS & LED'S
ABL Lights
American Bright
Chicago Miniature (VCC)
Dialight
EAO
Emerging Display Technologies
Everlight
Fema Electronics
Hella
IEE
IDI / Chicago Miniature (VCC)
Lee Craft (VCC)
Leviton
Lighting Components & Design (VCC)
Lumex
Newhaven Display
Optek (TT Electronics)
OptoElectronix
Solico
Stego
Sunbrite
VaOpto
VCC
Vishay

CRYSTALS / OSCILLATORS
Ecliptek (ILSI)
MMD (ISLI)
Vishay

EMI / RFI FILTERS
Curtis
Mechatronics
Mega Electronics
Qualtek

ENCLOSURES
Altech
Bud Industries
Conta-clip
Sealcon
Stego

FANS & BLOWERS
Cooltron
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
Littelfuse - Commerical Vehicle
Wickman Fuses (Littelfuse)

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

HEAT SINKS & EXTRUSIONS
Fecom
Fema Electronics

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)
Phoenix Passives (Vishay)
RCD Components
Riedon
SEI (Stackpole)
Sfernice (Vishay)
Spectrol (Vishay)
VCS (Vishay)

SEMICONDUCTORS
America Semiconductor

METERS & INSTRUMENTATION
Flir Systems
Fluke
Philmore
Veethree
Vishay

MICROPHONES
PUI Audio

POWER CONDITIONING
APC
Superior Electric
Sola

POWER SUPPLIES
Altech
Philmore
Mega Electronics
Qualtek
Sola / Hevi-duty
Triad

RELAYS & SOCKETS, TIMERS & I/O MODULES
Altech
American Zettler
ATC Diversified
CIT Relay & Switch
Comus International
Custom Connector Corporation
Deltrol
Diversified Electronic (ATC)
Grayhill
Hella
Marsh Bellofram (ATC)
Sanyou Relays
Schneider Electric
Song Chuan
Stancor (White Rodgers)
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)
Phoenix Passives (Vishay)
RCD Components
Riedon
SEI (Stackpole)
Sfernice (Vishay)
Spectrol (Vishay)
VCS (Vishay)

SEMICONDUCTORS
America Semiconductor

METERS & INSTRUMENTATION
Flir Systems
Fluke
Philmore
Veethree
Vishay

MICROPHONES
PUI Audio

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
Apollo Video Technology
Challenge Electronics
Elyssa
PUI Audio
Speco Tech

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

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

TEST EQUIPMENT
Extech
Flir Systems
Fluke

TRANSUCERS / SENSORS
Alps
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

VARIABLES
CKE (Dean Technologies)
HVCA (Dean Technologies)
Littelfuse / Teccor
Meritek
Stackpole
United Chemi-Con
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
Manhattan Wire
Marinco
Mega Electronics
Methode Power Flex Cable
Nordx/Belden
Panduit
Philmore
PMA Cables
Qualtek
Volex

MARSH
Electronics, Inc.

CORPORATE HEADQUARTERS MILWAUKEE, WI

414/475-6000 • Fax: 414/771-2847

APPLETON, WI BRANCH
920/757-0800 • Fax: 920/757-0804

COLUMBUS, OH BRANCH
614/488-0002 • Fax: 614/488-0044

CLEVELAND, OH BRANCH
330/405-3555 • Fax: 330/405-3630

INDIANAPOLIS, IN BRANCH
317/774-1496 • Fax: 317/774-1676

CHICAGO, IL BRANCH
847/885-0475 • Fax: 847/885-0480

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

CHARLOTTE, NC BRANCH
920/757-3061

TAMPA, FL BRANCH
704/663-6560

