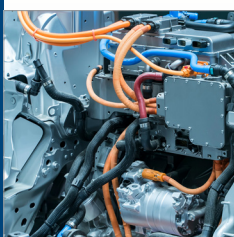
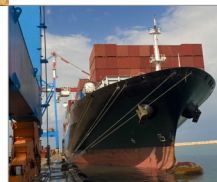
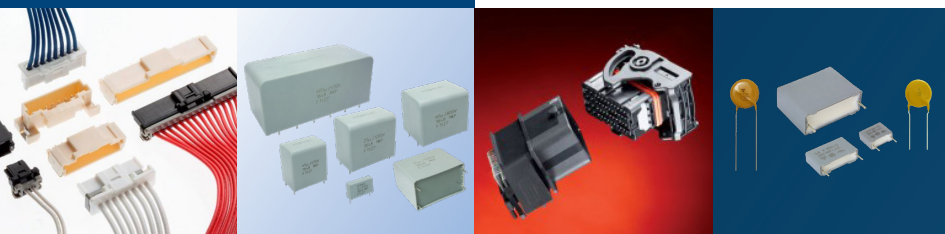




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3M Interconnect Solutions

Abracon

Amphenol

- Amphenol Advanced Sensors
- Amphenol Aerospace
- Amphenol Alden
- Amphenol All Sensors
- Amphenol Canada
- Amphenol Communications Solutions
- Amphenol Connex
- Amphenol CONEC
- Amphenol Entertainment
- Amphenol FCI
- Amphenol Fiber Optics
- Amphenol Industrial
- Amphenol Matrix
- Amphenol Mobile Consumer Products
- Amphenol Nexus
- Amphenol PCD
- Amphenol Piher Sensing Systems
- Amphenol Positronic
- Amphenol RF
- Amphenol SGX Technology
- Amphenol Sine
- Amphenol Spectra Strip
- Amphenol SSI Technology
- Amphenol SV Microwave
- Amphenol TCS
- Amphenol Times Microwave Systems
- Amphenol Tuchel
- Carlisle Interconnect Technologies/Tri-Star

Aptiv (formerly Delphi)

ARATAS

- OMRON Automation & Safety

Bourns

- J.W. Miller
- Keko-Varicon
- Komatsulite
- Riedon™
- Transtek

Chemi-Con

Cornell Dubilier (CDE) (See Knowles/CDE)

Delevan

Dialight

Eaton

- Bussmann Electronics
- Royal Power
- Souriau-Sunbank Transportation and eMobility

Glenair

HARTING

Harwin

HellermannTyton

Honeywell

iNRCORE

- Gowanda
- Vanguard

ITT Cannon

- Micro-Mode

Knowles

- Dielectric Labs (DLI)
- IMC
- Johanson (Trimmers)
- Novacap
- Syfer
- Voltronics

Knowles/CDE

- Aerovox
- Illinois Capacitor

KOA

KYOCERA AVX

- ATC
- Elco
- Ethertronics

Lelon

Littelfuse

- C&K Components
- Carling Technologies
- Hamlin
- Hartland Controls
- IXYS
- Littelfuse Automotive
- Teccor
- US SENSOR

Molex

- AFFINITY MEDICAL
- AirBorn Interconnects
- BittWare
- Brad
- FCT
- Flamar
- GW Connect
- ISI
- Laird CVS
- Nistica
- OPLINK
- Philips Medisize
- Polymicro Technologies
- PROTEK
- SDP Telecom
- Sensorcon
- Smiths Interconnect
- Soligie
- SST
- Temp-Flex
- TRITON
- Woodhead

Motherson (formerly PKC Group)

Murata

- Murata Power Solutions (MPS)

Nichicon

- ICEL

OHMITE

- Arcol

Panasonic

- Aromat
- Sanyo

PANJIT

Phoenix Contact

Preci-Dip

ROHM Semiconductor

Samtec

Sensata

- Airpax
- BEI Sensors
- Crydom
- Cynergy3
- Gigavac
- Kavlico
- Sensor Solutions

Spectrum Control (formerly APITech)

Switchcraft Conxall

TAIYO YUDEN

TAOGLAS

TDK

- EPCOS

TE Connectivity

- Agastat
- Alcoswitch
- AMP
- Augat
- Axicom
- CII Technologies
- Corcom
- DEUTSCH
- Elcon
- ERNI
- Hartman
- HTS
- Kemtron
- Kilovac
- Laird Antennas
- Madison Cable
- Measurement Specialties
- Microdot
- Nanonics
- OEG
- Potter & Brumfield
- Products Unlimited
- Raychem
- Schaffner
- Schrack
- Seacon

TT Electronics

- BI Technologies
- IRC
- OPTEK
- Semelab
- Welwyn

Vishay

- Angstrohm
- Ametherm
- Barry Industries
- BCcomponents
- Beyschlag
- Cera-Mite
- Dale
- Draloric
- Electro-Films
- Huntington/Milwaukee
- Roederstein
- Semiconductors
- Sfernice
- Siliconix
- Spectrol
- Sprague
- Tansitor
- Techno
- Thin Film
- Vitramon

VPG Foil Resistors

WIMA

YAGEO Group

- KEMET
- Nexensos
- Pulse
- XSemi

Resistors

FILM										
	Bourms	KOA	OHMITE	Panasonic	TE Connectivity	TT Electronics - IRC, Welwyn	Vishay	Vishay - Dale	Vishay - Thin Film	Vishay Precision Group
METAL FILM										
Discrete Chip										
Flame Proof	◆	●	◆	◆	◆	●	●	●	●	◆
Fusible	◆	●		◆	◆	●	●	●		◆
High-Temp	◆	●	●	◆		●	●	●	◆	
High-Voltage	◆	●		◆	◆	●	●	●		◆
Metal Film	◆	●	●	◆	◆	●	●	●		◆
Metal Oxide		●	●	◆		●	●	●		◆
Precision	◆	◆	◆	◆	◆	●	●	●	◆	◆
Thick Film Chip	◆	◆	◆	◆	◆	●	●	●	◆	◆
Thin Film Chip	◆	●		◆	◆	●	●	●	◆	◆
Trimmable				◆	◆	●	●			◆



NETWORK										
	Bourms	KOA	Panasonic	TE Connectivity	TT Electronics - IRC, Welwyn	Vishay	Vishay - Dale	Vishay - Thin Film	Vishay Precision Group	Yageo
Array	◆			◆	●	●		◆	●	◆
Integrated Passive	◆	●		◆	●	●		◆	●	
Resistor/Capacitor	●	◆			●	●	●	●		
SMT	●	●	◆	◆	●	●	●	●	●	
Surge	◆			◆		●	●			
Thick Film DIP	●				◆	●	●			
Thick Film SIP	●	●			◆	●	●			
Thin Film DIP	●				●	●		●		
Thin Film SIP	●	◆			●	●		●		

● Lead & Lead-free compliant parts available ◆ Lead-free only parts available ▲ Lead-only compliant parts available

Capacitors

ALUMINUM										
	Cornell Dubilier - Illinois Capacitor	Eaton - PowerStar	KEMET	KYOCERA AVX	Murata	Nichicon	Panasonic	TAIYO YUDEN	TDK - EPCOS	UCC
AC Motor Start	◆									
Axial Electrolytic	●		◆				◆		●	
EDLC/Supercapacitor		◆	◆	◆			◆			◆
Flatpack Electrolytic	▲									
Polymer	◆		◆		◆		◆	◆		◆
Radial Miniature	●		◆			◆	◆		●	●
Screw Terminal	◆		◆			◆				◆
Snap-In	◆		◆						◆	◆
Surface Mount	◆	◆				◆	◆		◆	

FILM & MICA										
	Cornell Dubilier	KEMET	KYOCERA AVX	Nichicon	Panasonic	TDK - EPCOS	Vishay	Vishay - BCcomponents	Vishay - Roederstein	WIMA
FILM										
Motor Run	◆	◆					◆			
Polyester		◆	◆	◆	◆					◆
Polypropylene	●	◆	◆	◆	◆	◆	●	●	●	◆
Power Film	●	◆	◆			◆	●			◆
Snubber		◆	◆		◆	◆				◆
Suppression X-Y (Safety Cap)	●	◆			◆	◆	●	●	●	◆
Surface Mount	●	◆	◆	◆						◆
MICA										
Metal Clad	●									
Mica	●									
Surface Mount	●									

TANTALUM										
	KEMET	KYOCERA AVX	Panasonic	Vishay						
Conformal Coated Chip										
Dipped Radial		●	◆		●				●	
Fail Safe/Fused Chip		●	●		●				●	
Hermetic Through Hole		●			●				●	
High-Temperature Chip		●	●		●				●	
Low ESR Chip		●	●		●				●	
Low Profile Chip		●	●		●				●	
Polymer Chip		●	●	◆	◆				◆	
Solid Metal Case Through Hole		●			●				●	
Supertan										●
Wet Through Hole										●

● Lead & Lead-free compliant parts available ◆ Lead-free only parts available ▲ Lead-only compliant parts available



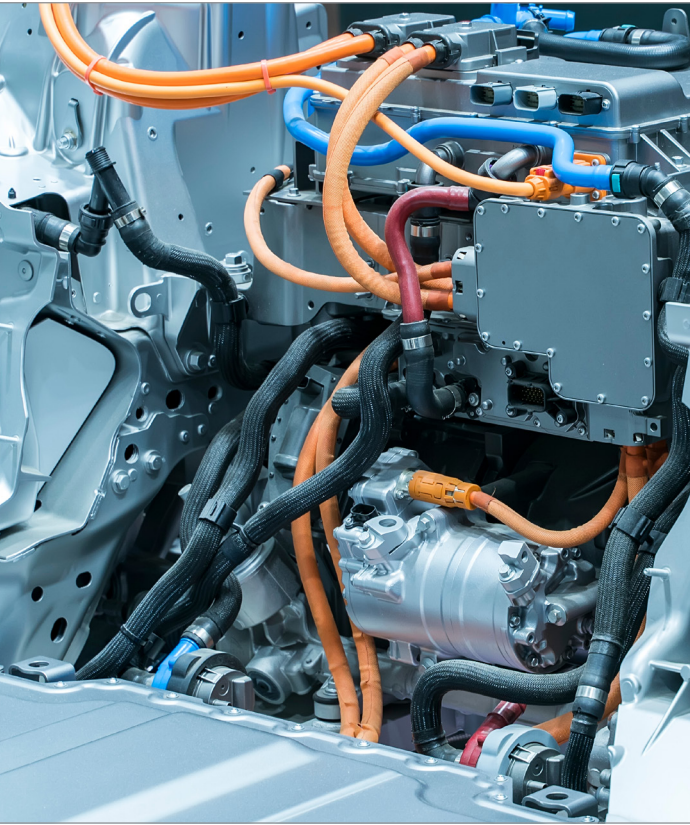
CERAMIC										
	API Technologies - Spectrum Control	Cornell Dubilier	KEMET	Knowles - Syfer, Novacap, DLI	KYOCERA AVX	Murata	TAIYO YUDEN	TDK - EPCOS	Vishay	Vishay - BCcomponents
Arrays	◆		◆	●	●	◆		◆		
Dip 2-Pin			◆	●	◆		◆		◆	
Disc		◆				◆	◆	◆	◆	
High Cap			●	●	●	◆	◆	◆	●	
High Q	◆		●	●	◆	◆	◆	◆		
High Temperature			●	●	◆	◆	◆	◆		
High Voltage	◆	◆	●	●	●	◆	◆	◆		
Low Inductance			●	●	◆		◆	◆	◆	
Multi-Layer	◆		●	●	◆		◆	●		
Safety		◆	◆	●				◆	◆	
Single Layer			●	●	◆			◆	◆	
Switch Mode	◆	◆	◆	◆						
Trimmer				●	◆					

Circuit Protection & Electromagnetic Components

PROTECTION DEVICES													
	Abrakon	Bourns	Eaton - Bussmann	KOA	KYOCERA AVX	Littelfuse	Littelfuse - Tecor	Murata	Panasonic	ROHM Semiconductors	TDK	TDK - EPCOS	United Chemi-Con
OVER CURRENT													
Automotive (Blade) Fuses			◆		◆								
Axial Fuses			◆		◆								
Cartridge Fuses			●		◆								
NTC Thermistors				◆	●			◆			◆		◆
Power (Electrical) Fuses			●		●								
PTC Thermistors		◆		◆	◆			◆			◆		●
Radial Leaded Resettable Fuses (PTC)	◆				◆								◆
Radial Subminiature Fuses			◆		◆								
Surface Mount Resettable Fuses (PTC)	◆	◆			◆								◆
Surface Mount (125V+) Fuses	◆	●			●								
Thermal Cutoffs (TCO)				◆				◆					
Thin Film (Chip) Fuses		◆	◆	●	◆			◆					◆
OVER VOLTAGE													
Gas Discharge Tube (GDT)			●			◆					◆		◆
Hybrid GDT/MOV			◆										◆
Line Protection Networks		◆				◆							
Polymer ESD Suppression			◆	◆									
Protection Thyristors		◆				◆							◆
Surface Mount Varistors (MLV)	●	◆	◆	◆	◆			◆		◆	◆	◆	
Thermal MOV					◆						◆	◆	◆
Through-Hole Varistors (MOV)		◆	◆			◆					◆	◆	
TVS Diodes		◆	◆	◆	◆			◆	◆	◆	◆	◆	◆
TVS Diodes Arrays		◆	◆	◆				◆				◆	◆

FILTERS													
	Abrakon	Amphenol RF	API Technologies - Inmet	API Technologies - Spectrum Control	API Technologies - Weinschel	KEMET - NEC TOKIN	Knowles - Precision Devices	KYOCERA AVX	Molex	Murata	Panasonic	Phoenix Contact	Pulse
EMI/RFI													
RF Filters													
RF Wireless													
Amplifiers	●			●						●			
Antennas	●	●		●				●	●		●	●	●
Attenuators			●	●	●								
Couplers	●							●	●	●			
EMI/RFI Filters	●			●	●	●	●	●	●	●			
Feed-Thru Filters				●		●	●	●	●	●			
Noise Suppression Sheets					◆								
RF/Microwave Filters				●				●	●	●		●	
RF Module										●	●	●	●
SAW Filters	●			●				◆	◆				
Surface Mount Filters	●			●			●	●	●	●	●	◆	●

MAGNETICS													
	Abrakon	API Delevan	API Technologies - Spectrum Control	Bourns - JW Miller	Eaton - Coiltronics	Gowanda	KEMET - NEC TOKIN	KOA	KYOCERA AVX	Murata	Panasonic	Pulse	TAIYO YUDEN
Ferrites													
Inductors													
Transformers													
Air Coil Inductors	●	●	●				●	◆	◆				◆
Common Mode Chokes	●	●	●	◆	◆		◆	◆	◆	◆	◆	◆	◆
Custom Inductors	●	●	●				◆	◆	◆	◆	◆	◆	◆
Ferrite Beads	●	◆	◆				◆	◆	◆	◆	◆	◆	◆
Ferrite Cores/Clamp Filters		◆	◆				◆	◆	◆	◆	◆	◆	◆
High-Current Inductors							◆	◆	◆	◆	◆	◆	◆
Leaded Inductors	●	●	●	◆	◆		◆	◆	◆	◆	◆	◆	◆
Multilayer Inductors	●	●	●	◆	◆		◆	◆	◆	◆	◆	◆	◆
Power Inductors	●	●	●	◆	◆		◆	◆	◆	◆	◆	◆	◆
RF Inductors	●	●	●	◆	◆		◆	◆	◆	◆	◆	◆	◆
Thin Film Inductors	●						◆	◆	◆	◆	◆	◆	◆
Toroid Inductors	●	●	●	◆	◆		◆	◆	◆	◆	◆	◆	◆
Transformers	●	●	●	◆	◆		◆	◆	◆	◆	◆	◆	◆
Wirewound/Coil Inductors	●	●	●	◆	◆		◆	◆	◆	◆	◆	◆	◆



PIEZO FILM SENSORS			
	Murata	TDK	TE Sensor
Sound Devices			
Buzzer	●	●	
Piezo	●	●	
Sensor	●	●	◆
Sounder	●		
Speaker	●		

POWER SUPPLIES			
	Murata Power Solutions	Omron Automation & Safety	Panasonic
AC/DC Power Supplies	◆	◆	◆
DC/DC Power Converters	◆	◆	◆
DC/AC Power Inverters			◆

THERMAL MANAGEMENT		
	Ohmite	Panasonic
Extruded Heatsinks		
Liquid Coldplates	●	
Liquid Cooling	●	
Thermal Gap Filler/Paste		
Thermal Solutions Graphite Sheets		●

TIMING DEVICES					
	Abrakon	API Technologies	KYOCERA AVX	Murata	Vishay - Dale
Frequency Control					
Crystals	●	●	●	●	●
Oscillators	●	●	●	●	●
Resonators	●	●	●	●	●

Interconnect

	3M	AirBorn	Amphenol	Amphenol Commercial (ACS)	Amphenol FCI (ACS)	Amphenol Pcd	Amphenol Positronic	Amphenol TCS	Aptiv	ARATAS	Bourns	HARTING	Harwin	ITT Cannon	KYOCERA AVX - Elco	Molex	Panasonic	Samtec	Souriau (Eaton)	TE Connectivity
BACKPLANE																				
10 Gb/s+ Solutions	◆	◆	◆		◆				◆					◆		◆		◆		◆
2.00 mm (.079 inch)	◆				◆							◆			◆				◆	◆
AOC Assemblies	◆			◆												◆				◆
Assemblies (Backplane)	◆															◆				◆
ATCA/MicroTCA	◆				◆											◆				◆
Cable Assemblies		◆	◆									◆				◆	◆			◆
Card Edge	◆	◆	◆									◆		◆		◆				◆
Compact PCI	◆		◆		◆		◆					◆		◆		◆				◆
DIN 41612 (Eurocard)	◆				◆					◆		◆			◆	◆				◆
Fiber Optic						◆						◆				◆		◆		◆
Future Bus	◆				◆											◆				◆
Hard Metric	◆				◆							◆			◆	◆				◆
High-Speed Cable Assemblies	◆		◆	◆					◆							◆				◆
PCI Express	◆		◆		◆									◆					◆	◆
Power	◆	◆		◆		◆			◆			◆				◆	◆		◆	◆
RF / Ganged RF			◆		◆											◆		◆		◆
SCA-2				◆	◆											◆				◆
VPX (Ruggedized, Embedded)			◆																	◆
BOARD TO BOARD																				
Ball Grid Array (BGA)	◆				◆			◆								◆		◆		◆
Battery Connectors					◆						◆		◆		◆	◆	◆			◆
Board Stacking	◆	◆	◆					◆		◆		◆	◆		◆	◆	◆		◆	◆
Breakaway Headers	◆		◆		◆								◆			◆				◆
Compression	◆	◆			◆							◆				◆		◆		◆
Headers & Receptacles	◆	◆	◆	◆		◆	◆					◆			◆	◆		◆		◆
Mezzanine/FPC	◆				◆	◆			◆			◆	◆		◆	◆	◆			◆
Power	◆	◆	◆	◆		◆	◆	◆	◆			◆	◆	◆		◆		◆		◆
SCSI	◆		◆		◆		◆									◆				◆
Shunts	◆				◆								◆		◆				◆	◆
Stacking	◆	◆	◆		◆		◆	◆		◆		◆	◆		◆	◆		◆		◆
DEVICE TO BOARD																				
AOC Assemblies	◆			◆	◆							◆				◆				◆
DIMM					◆										◆	◆				◆
DIP	◆				◆					◆			◆						◆	◆
High-Speed Cable Assemblies	◆		◆	◆					◆							◆				◆
PCMCIA	◆				◆											◆				◆
PGA	◆															◆				◆
PLCC	◆				◆							◆								◆
Rambus																				◆
RIMM/DIMM/SIMM					◆											◆				◆
Rotary Backlock																		◆		
SIP	◆												◆					◆		◆
Slot 1 & 2																				◆
SO DIMM & RIMM					◆										◆	◆				◆
Test/Burn-In Sockets	◆																			◆
Transistor																				◆

	3M	Amphenol	Amphenol FC1 (ACS)	C&K Components	KYOCERA AVX - Elco	Molex	TE Connectivity
CompactFlash™	◆	◆					
DDR/DDR2/Mini DDR2			◆		◆	◆	◆
Express Card			◆			◆	
Full Size Card				◆			
Memory Stick/Duo			◆			◆	◆
Micro SD			◆		◆	◆	◆
Mini SD			◆		◆	◆	◆
MMC		◆			◆	◆	◆
PC Card/CardBus	◆	◆	◆			◆	◆
PCMCIA	◆						
SD (Secure Digital)	◆		◆		◆	◆	◆
Smart Card (SAM)				◆			
Smart Card (SIM)		◆	◆		◆	◆	
TransF		◆					◆
xD		◆				◆	

CompactFlash™ is a trademark of the Compact Flash Association

	3M	AirBorn	Amphenol	Amphenol FCI (ACS)	Amphenol Positronic	Apiv	Glenair	HARTING	Harwin	ITT Cannon	KYOCERA AVX - Elco	Molex	Phoenix Contact	Santec	Souriau (Eaton)	Switchcraft/Conall	TE Connectivity
100 mm (.039 inch)	◆		◆						◆		◆	◆				◆	
1.25 mm (.049 inch)			◆						◆		◆					◆	
1.27 mm (.050 inch)	◆	◆	◆					◆	◆			◆		◆		◆	
2.00 mm (.079 inch)	◆		◆					◆			◆	◆	◆			◆	
2.50 mm (.098 inch)											◆	◆	◆			◆	
2.54 mm (.100 inch)	◆	●	◆		◆			◆	◆		◆	◆	◆	◆		◆	
3.00 mm (.118 inch)	◆								◆		◆	◆				◆	
3.68 mm (.145 inch)																◆	
3.96 mm (.156 inch)												◆				◆	
4.00 mm (.157 inch)								◆			◆					◆	
4.20 mm (.165 inch)			◆									◆				◆	
5.00 mm (.197 inch)													◆	◆		◆	
5.03 mm (.198 inch)												◆				◆	
5.08 mm (.200 inch)													◆	◆		◆	
6.35 mm (.250 inch)														◆	◆	◆	
7.50 mm (.295 inch)													◆	◆		◆	
8.50 mm (.335 inch)								◆								◆	
9.00 mm (.354 inch)											◆					◆	
10.00 mm (.393 inch)																◆	
Bus Bar			◆							◆		◆				◆	
Cable Assemblies	◆	◆	◆					◆	◆		◆	◆	◆	◆	◆	◆	
Discrete Wire	◆		◆					◆	◆		◆	◆	◆	◆	◆	◆	
FFC/FPC			◆								◆	◆	◆			◆	
IDC Discrete Wire			◆					◆				◆	◆	◆		◆	
IDC/Mass Termination	◆		◆						◆		◆	◆	◆	◆		◆	
Mini D Ribbon/Champ	◆		◆													◆	
Power	◆	◆	◆	◆	◆		◆	◆	◆	◆		◆	◆	◆	◆	◆	
SATA/SAS/Mini SATA	◆		◆								◆					◆	
SCSI I, II, III	◆		◆		◆								◆			◆	

AUDIO

	Amphenol Audio	Amphenol Nexus	Amphenol Tuchel	API Technologies - Spectrum Control	Switchcraft Connall	TE Connectivity
1/4" Phone (T Series, M Series and Jacks)	◆				◆	
1/4" Phone SwitchPlug	◆	◆				
3.5mm PCB	◆				◆	
AC PDN	◆					
AC Series XLR Cable	◆				◆	
AC Series XLR Metal "Z" Chassis Mount	◆					
AC Series XLR PBC Chassis Mount					◆	
AC Series Dual 1/4" XLR	◆					
AC Series XLR Thermoplastic Chassis Mount	◆				◆	
Accessories	◆	◆			◆	
AX Series XLR Cable	◆					
BNC 75ohm Connectors	◆				◆	◆
C Type Combo 1/4" - XLR PCB	◆					
EP/AP Series High Power	◆					
Multipin Series	◆	◆	◆	◆		
RCA Series	◆	◆			◆	
SP High Current Loudspeaker	◆				◆	
XLNnet Series Cable	◆					
XLNnet Series PCB/Chassis Mount	◆					

TRANSPORTATION	TECHNOLOGIES																			
	3M	Amphenol	Amphenol FCU (ACS)	Amphenol Positronic	API Technologies - Spectrum Control	Activ	Glenair	HARTING	Harwin	HellermannTyton	ITT Cannon	KYOCERA AVX - Elco	Molex	Phoenix Contact	PKC Group	Preci-Dip	Samtec	Souriau (Eaton)	Switchcraft Connall	TE Connectivity
APPLICATIONS																				
Agricultural	◆	◆	◆	◆		◆	◆		◆	◆	◆	◆	◆	◆	◆			◆	◆	◆
Automotive	◆	◆	◆			◆			◆	◆	◆	◆	◆	◆	◆					◆
Commercial Vehicles	◆	◆	◆						◆	◆	◆	◆	◆	◆	◆			◆		◆
Construction	◆	◆	◆	◆			◆	◆		◆	◆	◆	◆	◆	◆				◆	◆
Electric Vehicle		◆		◆		◆	◆			◆	◆	◆	◆	◆	◆					◆
EV Sub-Systems		◆				◆	◆			◆	◆	◆	◆	◆	◆			◆		◆
EV Battery Pack	◆	◆	◆		◆	◆				◆	◆	◆	◆	◆				◆		◆
EV Charging	◆	◆	◆		◆			◆		◆	◆	◆	◆	◆				◆		◆
Marine	◆	◆	◆	◆					◆	◆	◆	◆	◆	◆	◆			◆	◆	◆
Mass Transit	◆	◆	◆			◆	◆	◆	◆	◆	◆	◆	◆	◆				◆		◆
Recreational Vehicles	◆	◆	◆	◆			◆	◆	◆		◆	◆	◆	◆	◆			◆	◆	◆
INTERCONNECTS																				
Backplane	◆	◆	◆					◆			◆	◆	◆							◆
Backshells	◆	◆	◆	◆				◆		◆	◆	◆	◆						◆	◆
Board-to-Board	◆	◆	◆	◆		◆			◆	◆	◆	◆	◆					◆		◆
Circular		◆	◆	◆						◆		◆	◆	◆				◆	◆	◆
Contacts		◆	◆			◆	◆	◆	◆	◆	◆	◆	◆	◆		◆		◆	◆	◆
Device-to-Board	◆	◆	◆			◆	◆	◆		◆	◆	◆	◆	◆				◆	◆	◆
Input/Output	◆	◆	◆	◆	◆		◆	◆	◆		◆	◆	◆	◆					◆	◆
Memory Card	◆	◆	◆								◆	◆	◆							◆
RF/Coax/Microwave		◆									◆	◆	◆					◆		◆
Solderless Terminals	◆		◆			◆					◆	◆	◆	◆						◆
Specialty	◆	◆	◆	◆	◆	◆	◆	◆			◆	◆	◆	◆				◆	◆	◆
Terminal Blocks		◆	◆	◆				◆			◆	◆	◆	◆	◆					◆
Tooling	◆	◆	◆	◆	◆	◆	◆	◆			◆	◆	◆	◆				◆		◆
USB	◆	◆	◆			◆		◆			◆	◆	◆	◆						◆
Wire & Cable	◆	◆				◆		◆			◆	◆	◆							◆
Wire Management	◆		◆					◆		◆		◆	◆		◆					◆
Wire-to-Board	◆	◆	◆	◆	◆	◆	◆	◆	◆		◆	◆	◆	◆				◆	◆	◆
Wire-to-Wire	◆	◆	◆	◆	◆	◆	◆	◆	◆		◆	◆	◆	◆	◆			◆	◆	◆



Interconnect

	Amphenol PCD	API Technologies - Spectrum Control	HARTING	Molex - Beau	Phoenix Contact	Souriau (Eaton)	TE Connectivity
Barrier Strips	◆			◆			◆
Europa				◆			◆
Eurostyle – Fixed / Pluggable	◆	◆	◆	◆	◆		◆
2.54/3.50/3.81/5.0/5.08 mm	◆		◆	◆	◆		◆
Filtered		◆					
Interface Modules	◆				◆		
NEMA							◆
Phenolic				◆			◆
Push Button				◆			
Rail Mounted	◆			◆	◆	◆	◆
Screw Terminal	◆	◆		◆	◆	◆	◆
Spring Clamp	◆			◆	◆		◆

SPECIALTY	3M	AirBorn	Amphenol	Amphenol Commercial (ACS)	Amphenol FCI	Amphenol PCD	Amphenol Postronic	API Technologies - Spectrum Control	Aptiv	ARATAS	Bourns	Glennair	HARTING	Harwin	Hellerman Tyton	ITT Cannon	KYOCERA AVX - Elco	Molex	Panasonic	Phoenix Contact	Samtec	Souriau (Eatlon)	Switchcraft Connall	TE Connectivity
	Automotive/EV	◆	◆		◆	◆	◆	◆	◆		◆		◆	◆	◆	◆	◆	◆		◆	◆		◆	
	Battery	◆	◆	◆							◆		◆	◆		◆	◆	◆			◆	◆	◆	
	COTS	◆	◆	◆	◆	◆	◆	◆				◆	◆	◆		◆	◆	◆			◆	◆	◆	
	EMI Shielded	◆	◆	◆		◆	◆	◆	◆			◆	◆	◆		◆	◆	◆			◆	◆	◆	
	Filtered			◆	◆			◆					◆				◆				◆			
	Harsh Environment	◆	◆	◆	◆	◆	◆	◆	◆			◆	◆	◆	◆	◆	◆	◆		◆	◆	◆	◆	
	Hermetic		◆	◆				◆	◆			◆				◆						◆	◆	
	High Voltage			◆	◆	◆						◆	◆			◆		◆		◆	◆	◆	◆	
	Industrial	◆	◆	◆	◆	◆	◆	◆	◆				◆	◆	◆	◆	◆	◆		◆	◆	◆	◆	
LED Connector				◆	◆						◆	◆			◆	◆	◆	◆	◆			◆		
M8/M12									◆			◆			◆	◆	◆		◆			◆		
Micro Miniature/Nano	◆	◆	◆	◆	◆					◆		◆	◆	◆	◆	◆	◆		◆			◆		
Medical		◆				◆						◆	◆			◆		◆	◆	◆	◆	◆		

A large container ship is docked at a port. The ship's hull is dark, and its upper section is red. A blue crane is visible on the left, and several red shipping containers are stacked in the background. The sky is blue with some clouds. The ship is secured with ropes to the dock.

INPUT/ OUTPUT	TE Connectivity																								
	3M	Abrakon	AirBorn	Amphenol	Amphenol Commercial (ACS)	Amphenol FCI	Amphenol Pcd	Amphenol Positronic	API Technologies - Spectrum Control	Aptiv	ARATAS	Glenair	HARTING	Harwin	ITT Cannon	KYOCERA AVX - Elco	Molex	Panasonic	Phoenix Contact	Pulse	Samtec	Souriau (Eaton)	Switchcraft Connall	TE Connectivity	
1394 & 1394b	◆			◆	◆										◆		◆					◆		◆	
Audio				◆			◆		◆				◆		◆								◆	◆	
Camera Link Mini	◆									◆															
Camera Link																									
Circular	◆			◆			◆	◆	◆			◆	◆	◆	◆		◆		◆		◆	◆	◆	◆	
Combo I/O	◆					◆	◆		◆				◆	◆			◆				◆	◆	◆	◆	
Display Port							◆										◆					◆	◆	◆	
D-Subminiature	◆			◆	◆	◆			◆	◆			◆	◆					◆			◆	◆	◆	
DVI				◆		◆					◆				◆		◆						◆	◆	
Fiber Channel						◆					◆						◆					◆	◆	◆	
Fiber Optic	◆			◆				◆				◆	◆		◆		◆		◆			◆	◆	◆	
Filtered I/O	◆			◆	◆				◆			◆	◆				◆					◆	◆	◆	
HDMI/Micro HDMI				◆	◆	◆							◆		◆								◆	◆	
IPass						◆	◆										◆						◆	◆	
InfiniBand®				◆	◆	◆									◆		◆						◆	◆	
M12/M12D/M8											◆						◆		◆				◆	◆	
Micro D			◆	◆					◆								◆						◆	◆	
Mini DIN/Circular DIN				◆					◆			◆				◆							◆	◆	
Mini D-Subminiature												◆					◆					◆	◆	◆	
Mobile Systems																						◆	◆	◆	
Modular Plugs & Jacks	◆			◆		◆	◆			◆			◆	◆	◆			◆				◆	◆	◆	
PCI Express						◆	◆										◆				◆		◆	◆	
Power	◆		◆	◆	◆	◆		◆	◆				◆		◆	◆		◆		◆		◆	◆	◆	
Push/Pull			◆														◆					◆	◆	◆	
Rectangular	◆		◆	◆			◆	◆				◆	◆	◆	◆		◆		◆				◆	◆	
RF/Coax/Microwave	◆			◆					◆						◆		◆	◆			◆		◆	◆	
RJ/Industrial Ethernet		◆		◆	◆	◆	◆		◆		◆		◆		◆		◆		◆	◆		◆	◆	◆	
SATA/SAS/Mini SATA	◆			◆		◆									◆	◆	◆						◆	◆	
SCSI	◆			◆	◆	◆		◆							◆		◆						◆	◆	
SFP/XFP					◆	◆											◆				◆		◆	◆	
TDP																	◆				◆		◆	◆	
USB/Mini USB/USB OTG					◆	◆	◆		◆	◆			◆		◆	◆	◆		◆			◆	◆	◆	

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RF/COAXIAL/ MICROWAVE	3M	AirBom	Amphenol Aerospace	Amphenol RF	Amphenol SV Microwave	Apiv	Molex	Samtec	Switchcraft Connall	TE Connectivity
1.0 / 2.3				◆			◆	◆		◆
1.6 / 5.6				◆			◆			◆
7 / 16				◆			◆			◆
BMA					◆		◆			◆
BNC (50/75Ω)				◆	◆		◆	◆	◆	◆
BNC (Miniature)				◆			◆	◆	◆	◆
B to B Blindmate/ Compression					◆		◆	◆		◆
BSA				◆	◆		◆			◆
FAKRA						◆				◆
MCX/MMCX				◆			◆	◆		◆
MHV/SHV							◆			◆
Microwave Cable Assemblies							◆			
Precision ¹				◆			◆	◆		◆
QMA				◆			◆			◆
Reverse Polarity ²				◆			◆			
RF Cable Assemblies	◆			◆	◆	◆			◆	
Shielded Terminators				◆						◆
SMA				◆	◆			◆		◆
SMB (50/75Ω)				◆	◆	◆		◆		◆
SMB (Miniature)				◆			◆			◆
SMC				◆	◆		◆			◆
SMP				◆	◆		◆	◆		◆
SMT					◆	◆				◆
SSMA					◆		◆	◆		◆
TNC				◆	◆		◆			◆
Triax				◆	◆		◆			◆
Twinax	◆	◆	◆	◆	◆		◆	◆		◆
Type F/G				◆			◆			◆
Type N				◆	◆		◆	◆		◆
UHF/MiniUHF				◆			◆			◆

¹ 2.4 / 2.9 / 3.5 / 7mm

² BNC, MMCX, N, SMA, TNC

	3M	AirBorn	Amphenol	Amphenol FCI (ACS)	Amphenol PCD	Amphenol Positronic	Aptiv	Glenair	Harwin	HellermannTyton	ITT Cannon	KYOCERA AVX - Elco	Molex	Phoenix Contact	Samtec	Souriau (Eaton)	TE Connectivity
Backshells	◆	◆	◆	◆		◆	◆	◆	◆	◆	◆		◆			◆	◆
Cable Clips	◆								◆	◆							◆
Cable Management	◆			◆					◆	◆				◆			◆
Cable Marker Ties	◆									◆				◆			◆
Cable Mounts	◆			◆		◆			◆	◆			◆				◆
Cable Spacers	◆								◆								
Cable Terminals	◆						◆		◆				◆				◆
Cable Ties	◆						◆			◆			◆				◆
Heat Shrink Products	◆							◆		◆			◆	◆			◆
Jumper Links				◆					◆				◆				
Labeling Systems	◆			◆						◆							◆
Labels	◆									◆				◆			◆
PCB Spacers	◆				◆				◆						◆		
PCB Terminals			◆	◆			◆		◆		◆		◆		◆	◆	◆
Printers/Software and Ribbons	◆									◆				◆			◆
RFI Clips & Fingers									◆								◆
Shorting Links															◆		
Solderless Terminals	◆			◆					◆				◆	◆			◆
Splices	◆				◆		◆						◆			◆	
Stainless Steel Accessories	◆			◆	◆					◆							◆
Test Points									◆								◆
Tooling	◆	◆	◆	◆			◆	◆	◆		◆		◆	◆			◆
Wire & Cable				◆	◆								◆				◆
Wire Ducting	◆									◆				◆			

RELAYS	ARATAS	Honeywell	KEMET - NECTOKIN	Littelfuse - Cole Hersee	Littelfuse - Hamlin	Littelfuse - Harland	Littelfuse - IXYS	Panasonic	Phoenix Contact	Sensata - Crydom	Sensata - Cynergy	TE Connectivity
Automotive	◆			◆				◆				◆
Communication	◆	◆						◆				◆
Contactors	◆				◆				◆			◆
Crystal Can												◆
Definite Purpose Contactors						◆						◆
DIN Rail Mounted	◆							◆	◆	◆		◆
Dry Reed					◆							◆
General Purpose	◆	◆							◆			◆
High-Voltage Switching								◆			◆	
Low Signal PCB	◆		◆					◆				◆
Miniature PCB	◆							◆				◆
Monitoring									◆			
MOSFET	◆						◆	◆				
Panel/Plug-In	◆								◆			◆
Power	◆							◆	◆	◆		
Power Controllers												◆
Power Distribution Panels												◆
Power Modules										◆		
Power PCB	◆							◆	◆			◆

	ARATAS	KEMET - NECTOKIN	Littelfuse - Cole Hersee	Littelfuse - Hamlin	Panasonic	Phoenix Contact	Sensata - Crydom	Sensata - Cynergy	TE Connectivity
Programmable Time Delay	◆					◆	◆	◆	
Reed				◆				◆	
Reverse Power								◆	
RF					◆			◆	
Rotary								◆	
Signal	◆	◆			◆	◆		◆	
Sockets	◆				◆			◆	
Solid State	◆		◆		◆	◆	◆	◆	
Time Delay	◆					◆		◆	

CIRCUIT BREAKERS		Carling Technologies (Littelfuse)	Eaton	Littelfuse	Phoenix Contact	Sensata (Airpax)	TE Connectivity
Automotive			◆	◆			
Hydraulic/Magnetic Circuit Breakers		◆			◆	◆	◆
Thermal Circuit Breakers		◆			◆		◆

SENSORS																		
	Amphenol Advanced Sensors	ARATAS	Bourns	Honeywell	KEMET	KOA	KYOCERA AVX	Littelfuse (Hamlin, US Sensor)	Molex/Contrinex	Murata	Ohmite	Panasonic	ROHM Semiconductor	Sensata (BEI Sensors, Cynergy3, Kavlico)	TDK EPCOS	TE Connectivity's Sensor Solutions	TT Electronics	Vishay
MOTION/POSITION/SPEED																		
Accelerometer & Vibration		◆								◆			◆			◆		
Gyroscopes										◆			◆			◆		
Inertial Combo				◆														
Liquid Level								◆	◆					◆		◆	◆	
Hall Effect & Reed (Switch/Latch)				◆				◆					◆	◆		◆	◆	
Linear Position (LVDT)				◆										◆		◆		
Rotary Position, Encoders			◆							◆		◆		◆		◆	◆	
Proximity (Inductive, Capacitive)				◆			◆	◆	◆									
Speed (Hall effect)				◆			◆	◆						◆		◆		
Ultrasonic				◆					◆	◆				◆		◆		
OPTICAL																		
Ambient Light/Proximity		◆											◆				◆	◆
Optoelectronics (including Infrared)	◆	◆								◆		◆	◆			◆	◆	◆
Photoelectric/Safety									◆									
Color																		◆
Time of Flight																		
UAV/Solar	◆																	◆
PRESSURE/FORCE/FLOW																		
Flow (Air/Gas)	◆	◆		◆										◆			◆	
Force				◆							◆						◆	
Load Cell/Load Pin				◆													◆	
Pressure (Heavy Duty, Transducer)	◆			◆										◆		◆		
Pressure (SMT/THT)	◆	◆	◆	◆						◆		◆	◆	◆		◆		
ENVIRONMENTAL																		
Fine Particle	◆	◆		◆									◆		●			
CO2 and VOC	◆	◆		◆	◆					◆							◆	
Digital Combination	◆	◆	◆					◆								◆		
Gas	◆			◆	◆													
Humidity		◆	◆	◆													◆	
NTC & PTC Thermistors	◆			◆		◆	◆	◆		◆						◆	◆	◆
Temperat Sensing Probes & Assemblies	◆			◆	◆	◆	◆	◆		◆				◆		◆	◆	◆
RTD	◆			◆				◆						◆		◆		
Infrared/Thermopiles	◆	◆														◆		
Thermocouple	◆													◆		◆		
OTHER																		
Current				◆	◆								◆				◆	
Fluid Quality & Liquid Level								◆	◆								◆	

SWITCHES	ARATAS	Bourns	C&K Components	Honeywell	Littlefuse - Hamlin	Panasonic	TE Connectivity
Anti-Vandal							
DIP							
Encoder							
Keylock							
Keyswitch							
Knobs							
Limit							
Optical							
Paddle							
Panel Mount							
Power Rocker							
Pressure Switch							
Pushbutton							
Pushwheel							
Reed							
Rocker							
Rotary							
E-Stop							
Selector							
Slide							
Snap Action							
Special Purpose							
Switchlock							
Surface Mount							
Tactile							
Thumbwheel							
Toggle							

Discretes

POWER SEMICONDUCTORS		Bourns	Littelfuse - IXYS	Littelfuse - Teccor	KYOCERA AVX	Panasonic	ROHM Semiconductor	TT Electronics - Semelab	Vishay
DIODES									
Arrays		◆	◆			◆	◆	◆	◆
Schottky			◆		◆		◆	◆	◆
Small Signal		◆	◆			◆	◆	◆	◆
TVS		◆	◆		◆		◆	◆	◆
Zener		◆				◆		◆	◆
Silicon Carbide (SiC)			◆				◆		◆
RECTIFIERS									
Bridge		◆	◆				◆		◆
Rectifiers		◆	◆	◆			◆		◆
Schottky		◆	◆				◆	◆	◆
THYRISTORS									
Switching (SCRs, Triacs)			◆	◆					◆
TRANSISTORS									
Bipolar							◆	◆	
Small Signal							◆	◆	
IGBTs									
Discrete			◆				◆		
Modules			◆					◆	◆
MOSFETS									
Gallium Nitride (GaN)						◆			
High-Voltage			◆				◆	◆	◆
Low-Voltage			◆				◆		
Modules							◆	◆	◆
Silicon Carbide (SiC)			◆				◆	◆	

- MIL Spec Discretes (DSCC)

OPTOELECTRONICS	Dialight	Litefuse	Murata - MPS	Panasonic	ROHM Semiconductor	TT Electronics - OPTeK	Vislay
Digital Panel Meters			◆				
High-Voltage Isolators					◆	◆	◆
Infrared Components					◆	◆	◆
Infrared Touch Panels							◆
LCD Modules							◆
LEDs - Indication	◆				◆	◆	◆
LEDs Illumination <1W	◆				◆	◆	◆
LEDs - Illumination >1W					◆	◆	
LEDs - UV							◆
LED Displays					◆		◆
LED Drivers				◆	◆		◆
LED Modules					◆	◆	◆
Light Pipes	◆						
OLED Displays							◆
Optical Sensing					◆	◆	◆
Optocouplers		◆					◆
Panel Mount Indictors	◆					◆	◆
Plasma Displays							◆
Solid State Relays		◆		◆			◆
TFT Displays							◆

	Littelfuse - IXYS	ROHM Semiconductor	TT Electronics - Semilab	Vishay
Analog Switches	◆	◆		◆
LDO (Low Drop Out) Voltage Regulator		◆		◆
Logic		◆		
Motor Control Drivers		◆		◆
RF Diodes		◆	◆	◆
RF Transistors		◆	◆	
Voltage Regulators		◆	■	◆

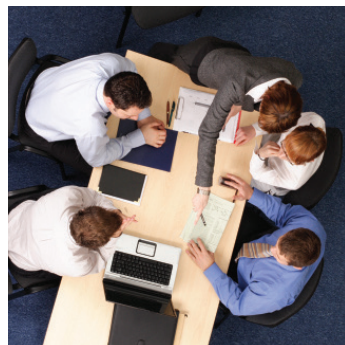
■ MIL Spec Discretes (DSCC)

	Panasonic	ROHM Semiconductor	TDK
CompactFlash™, CFast™			◆
DRAM		◆	
eMMC Memory	◆		
FeRAM		◆	
SD Memory Cards	◆		◆
Serial EEPROM		◆	
Solid State Drives (SSD)			◆

Why Buy from the Specialist in Electronic Component Distribution?

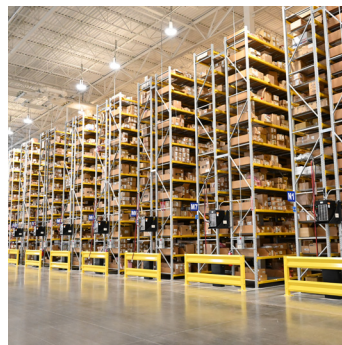
Founded in 1971, TTI has steadily grown to become the world's leading interconnect, passive, electromechanical and discrete component distributor in the industry.

The company was founded on the premise that passive component purchasing could be made more efficient by offering product specialization, customer-driven service, and proprietary supply chain solutions – and do it all with secure 24/7 access.



Knowledgeable Product Experts

Specialization allows TTI product managers to provide much better product insight to support your manufacturing from design through production. TTI Specialists' commitment to our customers is key to our continued success.



Broader and Deeper Inventories

TTI maintains extensive component inventories, stocking more than 500,000 part numbers in North America and over 850,000 globally – that's more interconnect, passive, electromechanical and discrete inventory available than from any other source.



Consult With a TTI Supply Chain Team

TTI Supply Chain Excellence on a global scale is a collaborative process. Our people- and parts-focused approach provides you with a tailored supply chain solution that fits your needs. Based on a detailed analysis of your current purchasing process, we design an optimized solution including a set of Key Performance Indicators (KPI) that facilitate continuous improvement.

Asia Sales Offices

Greater China

Beijing	T: +86 10 6566 4748
Dalian	T: +86 10 6566 4748
Dongguan	T: +86 769 8608 8638
Guangzhou	T: +86 769 8608 8638
Nanjing	T: +86 21 5174 2088
Ningbo	T: +86 21 5174 2088
Qingdao	T: +86 10 6566 4748
Shanghai	T: +86 21 5174 2088
Shenzhen	T: +86 755 2269 1988
Suzhou	T: +86 512 8957 0488
Wuhan	T: +86 512 8957 0488
Xiamen	T: +86 592 5751 803
Hong Kong	T: +852 3658 4700
Taiwan - Taichung	T: +886 2 2796 8305
Taiwan - Taipei	T: +886 2 2796 8305

South Asia

India	
Bangalore	T: +91 80 4530 1900
New Delhi	T: +91 80 4530 1957
Pune	T: +91 80 4530 1988
Indonesia	T: +65 6788 9200
Japan	
Tokyo	T: +81 90 2754 9200
Korea	
Seoul	T: +82 2 376 8171
Gumi	T: +82 2 376 8171
Malaysia	
Kuala Lumpur	T: +60 4 659 2011
Penang	T: +60 4 659 2011
Philippines	T: +63 2 654 5599
Singapore	T: +65 6788 9200
Thailand	T: +66 2 694 2277
Vietnam	
Hanoi	T: +84 28 3822 9468
Ho Chi Minh	T: +84 28 3822 9468

QUALITY AND RELIABILITY

TTI is the first distributor to have all global warehouse locations ISO registered and currently are certified to ISO 9001 with AS9100C and ISO 14001 in North America, ISO 9001, EN 9100, ISO 14001 and EN 9120 in TTI Europe and ISO 9001 in TTI Asia.

Year after year, customers rate our inventory availability, on-time delivery and accuracy among the very best in the industry – call your local TTI IP&E Asia Specialists at +65 6510 1846 and discover why.

