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- Elco

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- Illinois Capacitor

CTS

- Tusonix

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- Coiltronics
- PowerStor

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FARGO

- DillBlox®

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HONEYWELL

INCON INC.

ITT CANNON

KEMET

- Arcotronics
- Evox Rifa
- Forest Electric (FELCO)
- NEC TOKIN

KINGBRIGHT

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- Dielectric Labs
- Novacap
- Syfer

KOA

KOSTAL

KYOCERA

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- Concord Semiconductor
- Hamlin
- Littelfuse Automotive
- Teccor

MEDER (STANDEX)

MOLEX

- Brad
- Beau
- FTC
- GWconnect
- Temp-Flex
- Woodhead

MURATA

- Murata Power Solutions (MPS)
- RF Monolithics
- TOKO



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- AMP
- AMP NETCONNECT

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- CII Technologies
- Chip Coolers
- Corcom
- DEUTSCH
- ELCON
- HARTMAN
- HTS
- KILOVAC
- MADISON CABLE
- Measurement Specialties
- MICRODOT
- Molded Interconnect
- NANONICS
- OEG
- Potter & Brumfield
- Products Unlimited
- Raychem
- SCHRACK

TOSHIBA

TT ELECTRONICS

- BI Technologies
- IRC
- OPTEK
- Semelab
- Welwyn

UNITED CHEMI-CON

VISHAY

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

VISHAY PRECISION GROUP

- Foil Resistors

WIMA

YAGEO

Resistors

FILM																		
	Bourns	KOA	OHMITE	Panasonic	TE Connectivity	TT Electronics	IRC	Welwyn	Vishay	Angstrom	BCcomponents	Dale	Electro-Films	Sfernice	Techno	Thin Film	Vishay Precision Group	Yageo
Discrete Chip		●	●	●	◆		●	◆				●	◆		●	●	●	◆
Flame Proof		●	◆		◆	●	◆	◆						◆		●	●	◆
Fusible	◆	●			●	●	●	●				●	●					◆
High Temp	◆	●	●	◆	●	●	●	●			◆	●				◆		
High Voltage		●	●	◆	◆	●	◆	◆			◆	●			●	●		◆
Matched Sets			●			◆	◆	◆							●			◆
Melf /Cylindrical		◆			◆	◆	◆	◆			◆							●
Metal Film	◆	●	●	◆	●	●	◆	◆	●	◆	●		●					◆
Metal Glaze					●	●	●	◆			◆	●						
Metal Oxide		●	●	◆	◆	●	◆	◆			◆	●						◆
Precision	◆	●	●	◆	◆	●	◆	◆	●	◆	◆	◆	◆	◆		●	●	◆
Thick Film Chip	◆	●	●	◆	◆	●	◆	◆				●			●	●		◆
Thin Film Chip	◆	●		◆	◆	◆	◆	◆			◆	◆	◆	◆	●	●		◆
Trimable					◆	◆	◆	◆				◆	◆	◆				◆
Voltage Divider		◆		◆	●	●	●	●			◆	▲	◆	◆	◆			◆



NETWORK														
	Bourns	KOA	Panasonic	TE Connectivity	TT Electronics	IRC	Welwyn	Vishay	Dale	Electro-Films	Techno	Thin Film	Vishay Precision Group	Yageo
Array	◆	●	◆	◆	●	●	●	●	●	●		●	●	●
Conformal Coated	◆	●			●	●	●	●	●	●		●	●	●
Custom			◆	◆	◆		◆						●	●
Integrated Passive	◆	●			●	●	●	●	●	●		●	●	●
Ladder	●	●			●	●	●	●	●	●		●	●	●
Line Protection	◆				●	●	◆	●	●	●		●	●	●
Molded		◆		◆	◆	◆	◆	◆	◆	◆		◆	◆	◆
Resistor / Capacitor	●	◆	◆		●	●	●	●	●	●		●	●	●
SMT	●	●	◆	◆	●	●	◆	●	●	●		●	●	●
Surge	◆			◆	●	●	◆	●	●	●		●	●	●
Thick Film DIP					◆	◆		●	●	●		●	●	●
Thick Film SIP	●	●			●	◆		●	●	●		●	●	●
Thin Film DIP	●				●	●		●	●	●		●	●	●
Thin Film SIP	●	◆			●	●		●	●	●		●	●	●

POTENTIOMETERS TRIMMERS													
	BI Technologies	Bourns	Honeywell	OHMITE	Panasonic	TE Connectivity	Vishay	BCcomponents	Dale	Sfernice	Spectrol	Vishay Precision Group	Yageo
TRIMMING POTENTIOMETERS													
Adjustment Tools		◆					◆						◆
Carbon		●	●		◆	◆							◆
Cermet		●	●	●			●	●	●	●	◆	◆	◆
Counters		●	◆										◆
Multi-Turn		●	●				◆	●	●		◆	◆	
Open Frame		●	●		◆	◆	◆	◆	◆				◆
Sealed Frame		●	●				●	●	●		◆	◆	◆
Single-Turn		●	●		◆	◆	◆	◆	◆		◆	◆	◆
Wirewound		▲	●			◆	●						●
PRECISION PANEL CONTROL													
Carbon			◆							◆			
Cermet		◆	◆	◆				●			◆	●	
Conductive Plastic		◆	◆	◆				●			◆	●	
Dials / Knobs		●						●				◆	
Knobs		◆	◆	◆							◆	◆	
Hybrid		◆	◆										
Linear		◆	◆	●			◆				◆	◆	
Metal Foil							◆						◆
Modular		◆									◆		
Motor Pot		◆											
Multi-Turn		◆	◆	◆				●			◆	●	◆
Non-Linear		◆						●			◆	●	
Open Frame Slide			◆										
Rheostat				◆			◆				◆		
Rotary		◆	◆	◆	◆			●			◆	●	
Sealed Frame		◆	◆	◆	◆						◆	●	◆
Single-Turn		◆	◆	◆	◆			●			◆	●	
Wirewound		◆	◆	◆	◆			●				●	
SENSOR/ENCODER													
Attenuator										◆	◆		●
Encoders		◆	◆	●	◆	◆	◆						
Linear Motion		◆									◆	●	
Rotary		◆	●	◆	◆	◆					◆	●	

POWER WIREWOUND CARBON & FOIL															
	Bourns	KOA	OHMITE	Panasonic	TE Connectivity	TT Electronics	IRC	Welwyn	Vishay	Dale	Huntington / Milwaukee	Sfernice	Thin Film	Vishay Precision Group	Yageo
POWER/WIREWOUND															
Brackets / Hardware			●		◆				●	◆	◆				
Ceramic Composition			●		◆				●	◆	◆				◆
Commercial		●	●		◆	●	●	◆	●	◆	◆				◆
Current Sense / Low Resistance	◆	●	●	◆	◆	●	●	◆	●	◆	◆	●			◆
Grid			◆												
Industrial		◆	◆		◆	●	●	◆	●	◆	◆	◆			◆
Precision		●	●		◆	●	●	◆	●	◆	◆	●	●	◆	◆
Rheostat		●	●		◆	●	●	◆	●	◆	◆	◆			◆
Special Purpose		◆	◆		◆	●	●	◆	●	◆	◆	◆			◆
Tubular		◆	●		◆	●	●	◆	●	◆	◆	◆			◆
Vitreous Enamel			●		◆	◆	◆	◆	●	◆	◆	◆			
CARBON															
Carbon Composition		●	●		◆	◆	◆								
Carbon Film		●	●		◆	◆	◆		◆	●					◆
FOIL															
Bulk Metal Foil															●

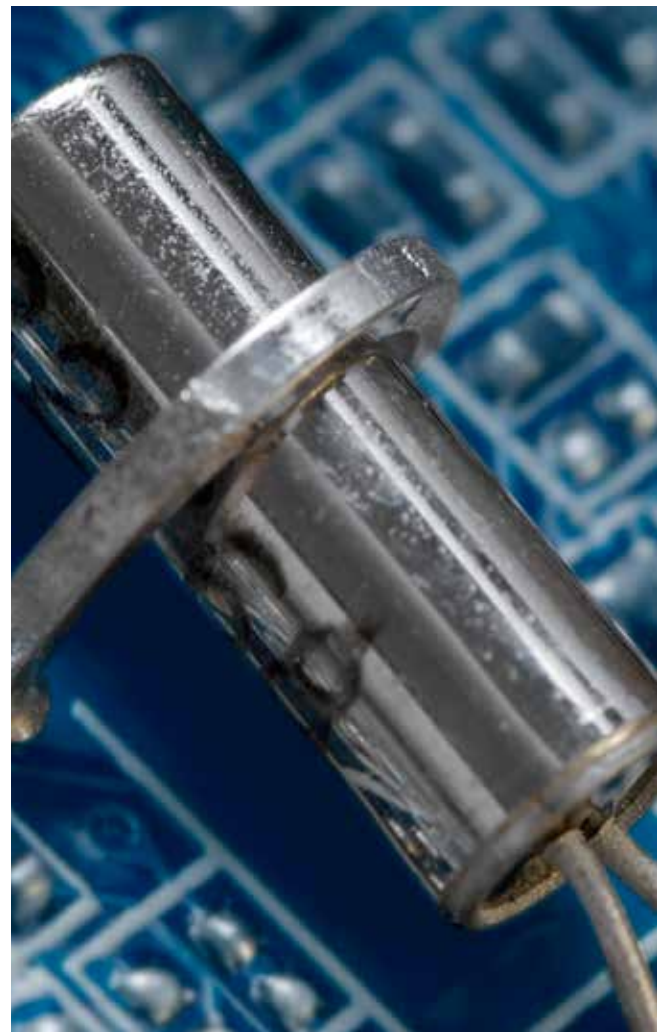
● Lead & Lead-free compliant parts available ◆ Lead-free only parts available ▲ Lead-only compliant parts available

Capacitors

ALUMINUM	Manufacturers											
	AVX	Barker Microfarad (BMI)	Cornell Dubilier/ Illinois Capacitor	EPCOS (TDK)	KEMET	Murata	Nichicon	Panasonic	PowerStor (Eaton)	Surge LeRon	UCC	Vishay - BC Components
AC Motor Start		◆	◆		◆							◆
Axial Electrolytic		●	●	●	◆		◆			◆		●
EDLC / Supercapacitor	◆		◆	◆		◆	◆	◆	◆	◆	◆	◆
Flatpack Electrolytic			▲									
Polymer			◆		◆	◆	◆	◆		◆	◆	◆
Radial Miniature		●	●	●	◆		◆	◆		◆	◆	●
Screw Terminal			◆	◆	◆		◆			◆	◆	◆
Snap-In			◆	◆	◆		◆			◆	◆	◆
Surface Mount			◆	◆	◆		◆			◆	◆	◆

FILM & MICA	Manufacturers														
	AVX	Cornell Dubilier	Dearborn	KEMET	Nichicon	Panasonic	Spectrum Control (API Technologies)	Surge LeRon	TDK - EPCOS	United Chemi-Con	Vishay	BCcomponents	Draloric	Roederstein	WIMA
FILM															
Motor Run		◆		◆					◆						
Polyester	◆	●	●	◆	◆	◆	◆	◆	◆		●	●		●	◆
Polypropylene	◆	●	●	◆	◆	◆	◆	◆	◆		●	●		●	◆
Power Film	◆	●	▲	◆		◆		◆	◆		●			◆	◆
Snubber	◆	●	▲	◆		◆		◆	◆						◆
Suppression X-Y (Safety Cap)		●		◆		◆	◆	◆			●	●	◆	◆	◆
Surface Mount	◆	●	●	◆		◆									◆
MICA															
Metal Clad		●													
Mica		●													
Surface Mount		●													

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



CERAMIC	Manufacturers														
	AVX	Cornell Dubilier	KEMET	Murata	Spectrum Control (API Technologies)	Syfer	TDK - EPCOS	Tusonix (CTS)	Vishay	BCcomponents	Ceramate	Roederstein	Vitramon	United Chemi-Con	Yageo
Arrays	●		◆	◆	◆		◆								◆
Dip 2-Pin	◆						●								
Disc		◆		◆			◆	●		◆	◆				
High Cap	●		●	◆		●	◆		●				●	◆	◆
High Q	◆		◆	◆	◆	●	◆		◆				◆		
High Temperature	●	●	◆	◆	◆	●	◆		◆				◆		
High Voltage	●	●	◆	◆	◆	●	◆		◆				◆	◆	◆
Low Inductance	◆					●	◆		◆						
Multi-Layer	●		●	◆	◆	●	◆		●				●		◆
RF / Microwave	◆		◆	◆		●									◆
Safety			◆	◆		●			◆		◆	◆	◆		
Single Layer	●			◆		●			◆				◆		
Switch Mode	◆		◆		◆	●									
Tip and Ring	◆		◆	◆		●			◆				◆		
Trimmer				◆				◆							

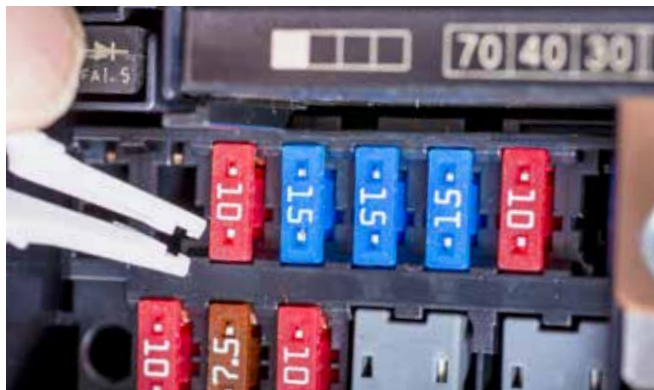
● Lead & Lead-free compliant parts available ◆ Lead-free only parts available ▲ Lead-only compliant parts available

Circuit Protection & Electromagnetic Components

PROTECTION DEVICES	AVX	Bourris	Bussmann (Eaton)	EPCOS (TDK)	KOA	Littelfuse - Teccor	Murata	Panasonic	Raychem Circuit Protection	ROHM Semiconductors	TDK	United Chemi-Con	Vishay	BC Components	Dale	Semiconductors
	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)	●		◆			◆			◆	◆						
Line Protection Networks		◆														
Polymer ESD Suppression			◆	◆	◆				◆							
Protection Thyristors			◆	◆	◆				◆							
Surface Mount Varistors (MLV)	◆	◆	◆	◆	◆		◆			◆		◆	◆	◆		
Thermal MOV			◆	◆	◆						◆	◆	◆	◆		
Through-Hole Varistors (MOV)		◆	◆	◆	◆		◆			◆	◆	◆	◆	◆		
TVS Diodes	◆	◆	◆	◆	◆		◆			◆	◆	◆	◆	◆		◆
TVS Diodes Arrays	◆			◆	◆					◆			◆	◆		◆

Filters

EMI/RFI & RF	AVX	KEMET / NEC TOKIN	Murata	Panasonic	Pulse	Spectrum Control (API Technologies)	Syfer	TDK - EPCOS	TE Connectivity's Corcom	Tusomix (CTS)	Yageo
	EMI / RFI Filters										
EMI / RFI Filters	●	●	●	●	●	●	●	●	◆	●	●
Feed-Thru Filters	●		●								
Noise Suppression Sheets		◆									
RF / Microwave Filters	●		●	●	●	●	●	●			●
RF Module			●	●	●	●	●	●			
SAW Filters	◆		◆	◆	◆	◆	◆	◆			
Surface Mount Filters	●		●	●	●	●	●	●			●



Magnetics

FERRITES INDUCTORS TRANSFORMERS	API Delevan	AVX	BI Technologies	Bourris - JW Miller	Coiltronics (Eaton)	KEMET / NEC TOKIN	KOA	Murata	Panasonic	Pulse	Spectrum Control (API Technologies)	TDK - EPCOS	Vishay - Dale	Yageo
	Air Coil Inductors													
Air Coil Inductors	●	◆									●			◆
Common Mode Chokes	●	◆	◆	◆	◆	◆	◆	◆	◆	◆	●	●	●	
Custom Inductors	●		◆	●	◆	◆		◆	◆	◆	●	●	●	
Ferrite Beads	◆		◆	◆	◆	◆	◆	◆	◆			◆	◆	◆
Ferrite Cores/Clamp Filters	◆		◆					◆			◆			
High Current Inductors	●	◆	●	◆	◆	◆	◆	◆	◆	◆	●	●	●	◆
Leaded Inductors	●		◆	◆	◆	◆		◆		◆	●	●	●	◆
Military Inductors	●										●	●	●	
Multilayer Inductors		◆	◆	◆	◆	◆	◆	◆	◆		●	●	●	◆
Power Inductors	●	◆	●	◆	◆	◆	◆	◆	◆	◆	●	●	●	◆
RF Inductors	●	◆	◆	◆	◆	◆	◆	◆	◆	◆	●	●	●	◆
Thin Film Inductors		◆	◆					◆						
Torrid Inductors	◆		◆	◆	◆	◆	◆	◆	◆		●	●	●	
Transformers	●	◆	◆	◆	◆	◆	◆	◆	◆	◆	●	●	●	◆
Wirewound/Coil Inductors	●	◆	◆	◆	◆	◆	◆	◆	◆	◆	●	●	●	◆

Piezo

SOUND DEVICES	AVX	Murata	Panasonic	TDK
	Buzzer			
Buzzer	●	●	●	●
Microphone				
Piezo		●	●	●
Receiver			●	
Ringer		●	●	
Sensor			●	●
Sounder			●	●
Speaker			●	●

Thermal Management

	Ohmite	Panasonic
	Extruded Heatsinks	
Extruded Heatsinks		●
Liquid Coldplates		●
Liquid Cooling		●
Thermal Solutions Graphite Sheets		●

Timing Devices

FREQUENCY CONTROL	API Technologies	AVX / Kyocera	Murata	Panasonic	TDK	Vishay - Dale
	Crystals					
Crystals	●	●	●			●
Oscillators	●	●	●			●
Resonators		●	●	●	●	
Tuning Forks		●				●

Interconnect

BACKPLANE, BOARD-TO-BOARD & DEVICE-TO-BOARD

	3M	AirBorn	Amphenol	Amphenol Commercial	Amphenol Pcd	Amphenol TCS	AVX - Elco	Bourns	FCI	Harwin	INCON Inc.	ITT Cannon	Molex	Omron	Panasonic	Smiths Connectors	Souriau	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				◆															◆
BOARD TO BOARD																			
Ball Grid Array (BGA)	◆					●													◆
Battery Connectors							◆	◆											◆
Board Stacking	◆	●				●	◆			◆	◆								◆
Breakaway Headers	◆		◆																◆
Compression	◆	◆					◆												◆
Headers & Receptacles	◆		◆				◆												◆
Mezzanine/FPC	◆				◆	●	◆							◆	◆				◆
Power	◆	◆	◆	◆	◆	●	◆			◆	◆	◆	◆						◆
Rotary Backlock															◆				◆
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																			◆



WIRE-TO-BOARD WIRE-TO-WIRE

	3M	AirBorn	Amphenol	AVX - Elco	FCI	Glenair	Harwin	INCON Inc.	ITT Cannon	Molex	Phoenix Contact	Smiths Connectors	Souriau (Esterline Connection Tech)	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)											◆	◆		◆
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	◆		◆							◆	◆	◆		◆



MEMORY CARD CONNECTORS

	3M	Amphenol	AVX - Elco	C&K	FCI	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

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

Interconnect

AUDIO	Amphenol Audio	Amphenol Nexus	Amphenol Tuchel	Spectrum Control (API Technologies)	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	◆				
XLRnet Series Cable	◆				
XLRnet Series PCB / Chassis Mount	◆				

TERMINAL BLOCKS	Amphenol Pcd	FCI	Molex - Beau	Phoenix Contact	Souriau	Spectrum Control (API Technologies)	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	◆	◆	◆	◆			◆



TRANSPORTATION	3M	Amphenol	AVX - Elco	Carlisle Interconnect - Tri-Star	Delphi	Fargo	FCI	Glenair	Harwin	INCON Inc.	ITT Cannon	KOSTAL	Lear	Molex	Panduit	Phoenix Contact	PKC Group	Prec-Dip	Smiths Connectors	Souriau	Spectrum Control (API Technologies)	Sumitomo	TE Connectivity	
APPLICATIONS																								
Agricultural		◆	◆		◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆			◆		◆	◆	
Automotive		◆	◆		◆	◆	◆		◆		◆	◆	◆	◆	◆	◆	◆						◆	◆
Commercial Vehicles		◆	◆		◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆			◆	◆		◆	◆
Construction		◆	◆		◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆			◆	◆		◆	◆
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	◆				◆		◆				◆	◆	◆	◆	◆	◆	◆			◆			◆	
Speciality	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆			◆	◆	◆	◆	
Terminal Blocks		◆					◆			◆				◆		◆	◆						◆	
Tooling	◆	◆	◆	◆	◆		◆	◆		◆	◆	◆	◆	◆	◆	◆	◆			◆	◆	◆	◆	
USB	◆	◆		◆						◆						◆				◆			◆	
Wire & Cable	◆	◆								◆				◆									◆	
Wire Management				◆		◆								◆	◆	◆	◆						◆	
Wire-to-Board	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆			◆	◆	◆	◆	
Wire-to-Wire	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆			◆	◆	◆	◆	

Interconnect

WIRE & BOARD MANAGEMENT/ ACCESSORIES															
	3M	AirBorn	Amphenol	Amphenol Pcd	AVX - Elco	Carlisle Interconnect - Tri-Star	FCI	Glenair	ITT Cannon	Harwin	Molex	Panduit	Phoenix Contact	Souriau	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	◆														

RF/COAXIAL/MICROWAVE													
	3M	AirBorn	Amphenol Aero	Amphenol Connex	Amphenol RF	Amphenol SV Microwave	Carlisle Interconnect - Tri-Star	Delta Electronics	Molex	Smiths Connectors	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					◆	◆				◆	◆	◆	

¹2.4 / 2.9 / 3.5 / 7mm
²BNC, MMCX, N, SMA, TNC

SPECIALTY																								
	3M	Aero Electric (Conesys)	AirBorn	Amphenol	Amphenol Commercial	Amphenol Pcd	AVX - Elco	Bourris	Carlisle Interconnect - Tri-Star	Delphi	FCI	Glenair	Harwin	INCON Inc.	ITT Cannon	J-Tech (Conesys)	Molex	Omron	Panasonic	Phoenix Contact	Smiths Connectors	Souriau	Spectrum Control (API Technologies)	TE Connectivity
Automotive		◆		◆		◆			◆	◆					◆	◆	◆							◆
Battery		◆		◆		◆			◆	◆					◆	◆	◆							◆
COTS		◆	◆						◆						◆	◆	◆							◆
EMI Shielded	◆		◆	◆		◆					◆		◆			◆	◆							◆
Filtered				◆	◆											◆	◆							◆
Harsh Environment	◆	◆			◆								◆			◆	◆							◆
Hermetic		◆	◆	◆								◆				◆	◆							◆
High Voltage		◆	◆	◆											◆	◆	◆							◆
Industrial	◆	◆	◆	◆								◆			◆	◆	◆							◆
LED Connector						◆									◆	◆			◆					◆
M8/M12															◆	◆		◆						◆
Micro Miniature / Nano	◆	◆	◆	◆	◆	◆					◆				◆	◆	◆							◆

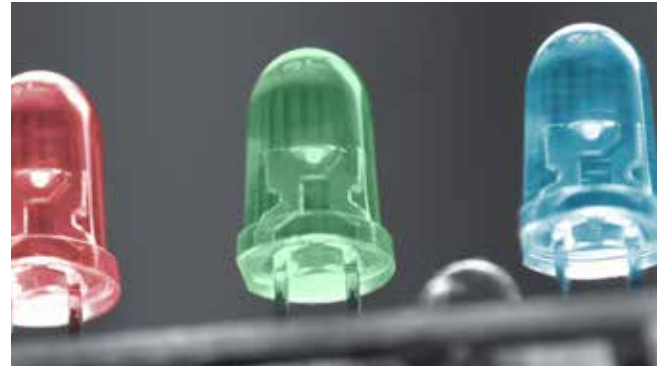
INPUT/ OUTPUT																								
	3M	Aero Electric (Conesys)	AirBorn	Amphenol	Amphenol Commercial	Amphenol Pcd	AVX - Elco	Carlisle Interconnect - Tri-Star	FCI	Glenair	Harwin	INCON Inc.	ITT Cannon	J-Tech (Conesys)	Molex	Omron	Panasonic	Phoenix Contact	Smiths Connectors	Souriau	Spectrum Control (API Technologies)	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					◆	◆	◆			◆				◆	◆									◆

InfiniBand® is a trademark of the InfiniBand Trade Association

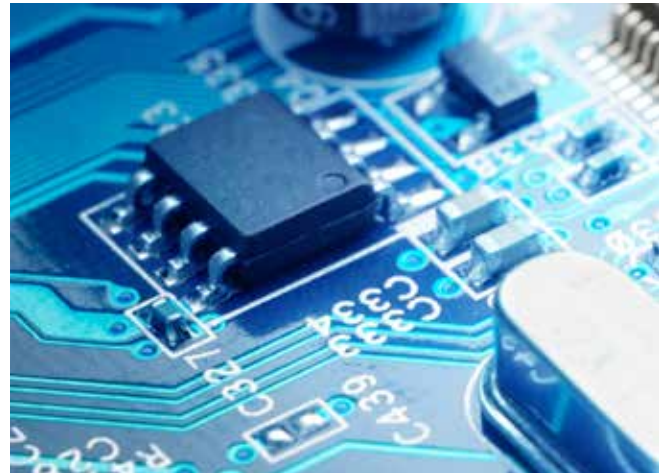
Discretes

POWER SEMICONDUCTORS		Aeroflex Metelics	AXV	Bourms	Littelfuse - Teccor	Panasonic	ROHM Semiconductor	Semelab (TT Electronics)	Toshiba	Vishay
DIODES										
Arrays				◆	◆		◆	◆	◆	◆
Schottky	■	◆				◆	◆	◆	◆	◆
Small Signal	■		◆			◆	◆	◆	◆	◆
TVS			◆	◆	◆	◆	◆	◆	◆	◆
Zener	■			◆		◆	◆	◆	◆	◆
Silicon Carbide (SiC)							◆			
RECTIFIERS										
Bridge							◆			◆
Rectifiers				◆	◆		◆	◆	◆	◆
Schottky	■						◆	◆	◆	◆
SCRs	■			◆	◆					◆
THYRISTORS										
Protection				◆	◆					
Switching (SCRs, Triacs)					◆					◆
TRANSISTORS										
Bipolar				◆			◆	◆		◆
LDO (Low Drop Out)							◆		◆	◆
Small Signal	■			◆		◆	◆	◆	◆	◆
IGBTS										
Discrete							◆		◆	◆
Modules				◆			◆	◆	◆	◆
MOSFETS										
High-voltage							◆	◆	◆	◆
Low-voltage						◆	◆	◆	◆	◆
Modules							◆	◆	◆	◆
Silicon Carbide (SiC)							◆			

■ MIL Spec Discretes (DSCC)



OPTOELECTRONICS		Kingbright	Littelfuse	Murata (MPS)	OPTEK (TT Electronics)	Panasonic	ROHM Semiconductor	Toshiba	Vishay
Digital Panel Meters				◆					
High Voltage Isolators					◆		◆		
Infrared Components		◆			◆				◆
LEDs - Indication		◆				◆	◆	◆	◆
LEDs Illumination <1W		◆			◆	◆	◆	◆	◆
LEDs - Illumination >1W		◆			◆	◆	◆	◆	◆
LED Displays		◆					◆		◆
LED Drivers						◆	◆	◆	◆
LED Modules		◆			◆		◆		
Optical Sensing			◆				◆	◆	◆
Opto Solutions		◆			◆				
Optocouplers		◆						◆	◆
Solid State Relays						◆		◆	◆



ADDITIONAL DISCRETE COMPONENTS		ROHM Semiconductor	Semelab (TT Electronics)	Toshiba	Vishay
Analog		◆	◆	◆	◆
LED Drivers		◆		◆	◆
Logic		◆		◆	◆
Motor Control Drivers		◆		◆	◆
RF Diodes		◆	◆	◆	◆
RF Transistors		◆	◆	◆	◆
Voltage Regulators		◆	■	◆	◆

■ MIL Spec Discretes (DSCC)



TTI, Inc. Global Headquarters

Fort Worth, Texas

Why Buy from TTI?

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.

Product Knowledgeable Experts

Our unique specialization enables us to provide significantly better product knowledge to support manufacturing from design through production. TTI’s commitment to this specialty and our customers is as dedicated today as always.

Broader and Deeper Inventories

TTI maintains extensive 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.

Advanced Inventory Management (AIM) Platform

TTI’s proprietary system is specifically designed for managing IP&E products and partnerships with premier manufacturers. This allows us to provide the BOM coverage necessary to deploy comprehensive supply chain solutions that reduce total cost of ownership and mitigate line down risk.

Quality and Reliability

TTI is the first distributor to have all global warehouse locations ISO registered and currently are certified to ISO 9001:2008 with AS9100C and ISO 14001 in North America, ISO 9001:2008, EN 9100C, ISO 14001 and EN 9120:2009 in TTI Europe and ISO 9001:2008 in TTI Asia.

Year after year, customers rate our inventory availability, on-time delivery and accuracy among the very best in the industry – call 1.800.CALL.TTI or visit us at www.ttiinc.com and discover why.