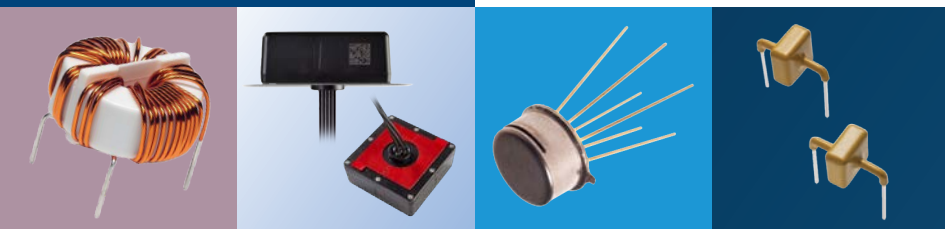




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3M Interconnect Solutions

Abracon

AirBorn Interconnects

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 Tuchel

ams

- OSRAM

Aptiv (formerly Delphi)

Barker Microfarads (BMI)

Bourns

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

Carlisle Interconnect Technologies

- Tri-Star

Chemi-Con

Conesys

- Aero Electric
- J-Tech

Cornell Dubilier (CDE) (See Knowles/CDE)

Cree LED

CTS - Tusoni

Dearborn Electronics

Delevan

Delta Electronics Manufacturing

Dialight

Eaton

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

Electrical Components International (formerly Fargo Assembly)

- DillBlox®

Glenair

HARTING

Harwin

HellermannTyton

Honeywell

INCON Inc.

iNRCORE

- Gowanda
- Vanguard

ITT Cannon

- Micro-Mode

JAE Electronics

Kingbright

Knowles

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

Knowles/CDE

- Aerovox
- Illinois Capacitor

KOA Speer

KOSTAL

KYOCERA AVX

- ATC
- Elco
- Ethertronics

KYOCERA Display

Laird Performance Materials

Lear Corporation

Littelfuse

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

Meder (Standex)

Molex

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

Motherson (formerly PKC Group)

Murata

- Murata Power Solutions (MPS)

Nexperia

Nichicon

- ICEL

NKK Switches

OHMITE

- Arcol

OMRON

- OMRON Automation & Safety
- OMRON Electronic Components

OSRAM Opto Semiconductor (ams)

Panasonic

- Aromat
- Sanyo

Panduit

PANJIT

Phoenix Contact

Preci-Dip

ROHM Semiconductor

Sensata

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

Smiths Interconnect

- Hypertac
- IDI
- Sabritec

Spectrum Control (formerly APITech)

Standex Electronics

Sumitomo Wiring Systems

Switchcraft Conxall

TAIYO YUDEN

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

Toshiba

TT Electronics

- BI Technologies
- IRC
- OPTEK
- Semelab
- Welwyn

Vanguard Electronics

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

VPF Foil Resistors

VPT Components

WIMA

YAGEO Group

- KEMET
- Nexensos
- Pulse
- XSemi

Yazaki

FILM										
	Bourns	KOA Speer	OHMITE	Panasonic	TE Connectivity	TT Electronics - IRC, Welwyn	Vishay	Vishay - Dale	Vishay - Sfernice	Vishay - Thin Film
Vishay Precision Group										
YAGEO										
METAL FILM										
Discrete Chip		●	◆	◆		●	●	●	●	●
Flame Proof	◆	◆	◆		◆			●		◆
Fusible	◆	◆		◆	◆	●	●	●		◆
High Temperature	◆	◆	●	◆		●	●	●	◆	◆
High Voltage	◆	◆	●	◆		●	●	●		◆
Matched Sets			●			●	◆	●		●
MELF/Cylindrical		◆			◆	●	●			◆
Metal Film	◆	●	●	◆	◆	●	●	●		◆
Metal Glaze		◆	◆			●	◆	●		◆
Metal Oxide			●		◆		●	●		◆
Precision	◆	●	●	◆		●	●	●	●	◆
Thick Film Chip	◆	●	◆	◆	◆	●	●	●	●	◆
Thin Film Chip	◆	●	◆	◆	◆	●	●	●	●	◆
Trimmable				◆	◆					◆
Voltage Divider		◆	◆	◆	●	●	▲	●	◆	

POWER WIREWOUND CARBON & FOIL										
	Bourns	Eaton	KOA Speer	OHMITE	Panasonic	TE Connectivity	TT Electronics - IRC, Welwyn	Vishay	Vishay - Dale	Vishay - Huntingdon/ Milwaukee
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

POTENTIOMETERS TRIMMERS										
	Bourns	Honeywell	OHMITE	Panasonic	TE Connectivity	TT Electronics - BI Technologies	Vishay	Vishay - Dale	Vishay - Sfernice	Vishay - Spectrol
Vishay Precision Group										
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	◆	●		◆	◆				◆	●

NETWORK										
	Bourns	Eaton	KOA Speer	Panasonic	TE Connectivity	TT Electronics - IRC, Welwyn	Vishay	Vishay - Dale	Vishay - Sfernice	Vishay - 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	●					●	●	◆	●	

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



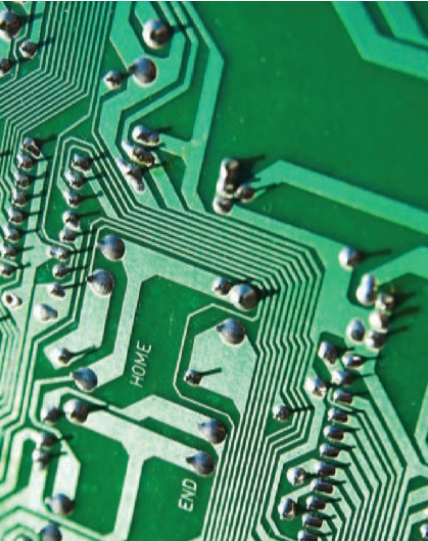
ALUMINUM										
	Barker Microfarad (BMI)	Eaton	KEMET	Knowles/CDE	KVOCERA AVX	Murata	Nichicon	Panasonic	TAIYO YUDEN	TDK - EPCOS
United Chemi-Con										
Vishay - BCcomponents										
AC Motor Start	◆		◆	◆						
Axial Electrolytic	●		◆	◆					◆	●
EDLC/Supercapacitor		◆	◆	◆	◆		◆			◆
Flatpack Electrolytic			◆	●						
Polymer			◆	◆	◆	◆	◆	◆	◆	◆
Radial Miniature	●		◆	◆			◆	◆	●	◆
Screw Terminal			◆	◆			◆		◆	◆
Snap-In			◆	◆			◆		◆	◆
Surface Mount			◆	◆	◆	◆	◆		◆	◆

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

CERAMIC										
	ATC (American Technical Ceramics)	CTS - Tusonix	KEMET	Knowles/CDE	KVOCERA AVX	Murata	Spectrum Control	TAIYO YUDEN	TDK	Vishay
Vishay - BCcomponents										
Vishay - Ceramite										
Vishay - Roederstein										
Vishay - Vitramon										
United Chemi-Con										
YAGEO										
Arrays	◆		◆	●	●		◆		◆	
Dip 2-Pin				●	◆					
Disc		●	◆			◆		◆	◆	
High Cap	●	●	●	●	●	◆	◆	◆	●	◆
High Q	●	●	◆	●	◆	◆	◆	◆		◆
High Temperature	●		●	●	●	◆		◆	◆	
High Voltage	●		●	●	◆	◆	◆	◆		◆
Low Inductance	●	●	●	●	●	◆		◆		◆
Multilayer	●	◆	●	●	●	◆	◆	◆	●	◆
RF/Microwave	●		◆	●	◆		◆			◆
Safety			◆	●	◆				◆	◆
Single Layer	◆	◆		●	●	◆			◆	
Switch Mode			◆	●	◆	◆				
Tip and Ring			◆	●	◆				◆	
Trimmer				●						

Circuit Protection & Electromagnetic Components

PROTECTION DEVICES																				
OVER CURRENT																				
Automotive (Blade) Fuses																				
Axial Fuses																				
Cartridge Fuses																				
Electronic Current Limiters																				
Fuse Blocks																				
Fuse Holders																				
NTC Thermistors																				
Power Distribution Modules																				
Power (Electrical) Fuses																				
PTC Thermistors																				
Radial Leaded Resettable Fuses (PTC)																				
Radial Subminiature Fuses																				
Surface Mount Resettable Fuses (PTC)																				
Surface Mount Fuses																				
Thermal Cutoffs (TCO)/Overtemperature (OTP)																				
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)																				
Surge Product Devices (SPD)																				
Thermal MOV																				
Through-Hole Varistors (MOV)																				
TVS Diodes																				
TVS Diodes Arrays																				
FILTERS																				
EMI /RFI RF Filters RF Wireless	Abrakon	Amphenol RF	Delevan	Eaton	KEMET - NEC TOKIN	Knowles	KYOCERA AVX	Molex	Murata	Panasonic	Phoenix Contact	Pulse	Spectrum Control	TAIYO YUDEN	TDK - EPCOS	TE Connectivity	TE Connectivity - Corcom	TE Connectivity - Schaffner	Vishay - Barry	YAGEO
Amplifiers																				
Antennas	●	●					●	●			●	●	●	◆	●	●				●
Attenuators													●						●	
Couplers							●		●			●	●	◆	●					
EMI/RFI Filters	●		◆	◆		●	●	●	●	●	●	●	●	◆	●		◆	◆		●
Feed-Thru Filters						●	●		●				●		●		◆	◆		
Noise Suppression Sheets			◆		◆										●		◆	◆		
RF/Microwave Filters	◆			◆			●		●			●	●		●					
RF Module									●	●					●				●	
SAW Filters	●						◆		◆				●	◆	◆				●	
Surface Mount Filters	●					●	●		●	●		●	●	◆	●					●
MAGNETICS																				
Ferrites Inductors Transformers	Abrakon	Bourns - JW Miller	Delevan	Eaton	Gowanda	iNRCORE	INCORE - Vanguard	KEMET - NEC TOKIN	KYOCERA AVX	Laird Performance Materials	Murata	Panasonic	Pulse	Spectrum Control	TAIYO YUDEN	TDK - EPCOS	TT Electronics - BI Technologies	Vishay - Dale		
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	Sound Devices		
	Murata	TDK	TE Connectivity
Buzzer	●	●	
Piezo	●	●	
Receiver	●		
Ringer	●		
Sensor	●	●	◆
Sounder	●		
Speaker	●		

THERMAL MANAGEMENT	Laird Performance Materials		
	OHMITE		
	Panasonic		
Extruded Heatsinks		●	
Liquid Coldplates		●	
Liquid Cooling		●	
Thermal Gap Filler/Paste	◆		
Thermal Solutions Graphite Sheets	◆		●

TIMING DEVICES	Frequency Control					
	Abracon	Eaton	KYOCERA AVX	Murata	Spectrum Control	Vishay - Dale
	Crystals	●	●	●	●	●
	Oscillators	●	●	●	●	●
	Resonators	●		●		
	Tuning Forks	●	●			
	Precision Timing	●				

POWER CONVERSION	Murata Power Solutions	Eaton	OMRON Automation & Safety	PANJIT	Phoenix Contact	ROHM Semiconductor	TDK	Vishay
	AC/DC Power Supplies	◆	◆		◆			
	DC/DC Power Converters	◆	◆	◆		◆	◆	◆
	DC/AC Power Inverters	◆	◆		◆			

[illegible]

MEMORY CARD CONNECTORS	CONNECTOR TYPES							
	3M	Amphenol	Amphenol Solutions (ACS)/FCI	C&K Components	JAEC Electronics	KEYCERA 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

RF/ COAXIAL/ MICROWAVE	RF/COAXIAL/MICROWAVE															
	3M	AirBorn	Amphenol Aerospace	Amphenol RF	Amphenol SV Microwave	Aptiv (formerly Delphi)	Carlisle Interconnect - Tri-Star	Delta Electronics Mfg Corp.	ITT Cannon - Micro-Mode	JAE Electronics	Lear	Molex	Smiths Interconnect	Switchcraft Connall	TE Connectivity	Yazaki
1.0 / 2.3				◆				◆				◆			◆	
1.6 / 5.6				◆								◆			◆	
7 / 16				◆				◆				◆			◆	
Attenuators									◆							
BMA					◆			◆				◆			◆	
BNC (50/75Ω)				◆	◆			◆	◆				◆	◆	◆	◆
BNC (Miniature)				◆								◆	◆	◆	◆	
B to B Blindmate/ Compression					◆				◆			◆			◆	
BSA				◆	◆			◆				◆			◆	
FAKRA				◆		◆					◆	◆			◆	◆
Hermetic									◆							
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 / 7mm²BNC, MMCX, N, SMA, TNC

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

Interconnect

SPECIALTY	SPECIALTY																															
	3M	AirBorn	Amphenol	Amphenol Communications Solutions (ACS)/ Amphenol Commercial/FCI	Amphenol PCD	Amphenol Positronic	Amphenol CONNEC	Aptiv (formerly Delphi)	Bourns	Carlisle Interconnect - Tri-Star	Conesys - Aero Electric	Conesys - J-Tech	Eaton - Royal Power	Glenair	HARTING	Harwin	HellermannTyton	INCON Inc.	ITT Cannon	JAE Electronics	KYOCERA AVX - Elco	Molex	OMRON	Panasonic	Phoenix Contact	Smiths Interconnect	Souriau (Eaton)	Spectrum Control	Switchcraft Conxall	TE Connectivity	Yazaki	
Automotive/EV	◆		◆	◆	◆	◆	◆	◆			◆	◆	◆	◆	◆	◆	◆		◆	◆	◆	◆			◆	◆	◆	◆	◆	◆	◆	
Battery	◆		◆	◆					◆		◆	◆	◆			◆			◆	◆	◆	◆				◆	◆			◆	◆	
COTS	◆	◆	◆	◆		◆	◆			◆	◆	◆		◆	◆	◆		◆	◆	◆	◆	◆								◆	◆	
EMI Shielded	◆	◆	◆	◆	◆	◆	◆					◆		◆	◆	◆					◆	◆								◆		
Filtered			◆	◆								◆									◆	◆				◆	◆	◆	◆	◆		
Harsh Environment	◆	◆	◆	◆	◆	◆	◆				◆	◆		◆	◆	◆	◆	◆	◆		◆	◆			◆	◆	◆	◆	◆	◆	◆	◆
Hermetic		◆	◆			◆					◆	◆		◆					◆			◆						◆	◆	◆		
High Voltage		◆	◆	◆	◆	◆		◆			◆	◆	◆		◆				◆		◆	◆			◆	◆	◆	◆	◆	◆	◆	◆
Industrial	◆	◆	◆	◆	◆	◆	◆				◆	◆	◆	◆	◆		◆	◆	◆	◆	◆	◆			◆	◆	◆	◆	◆	◆	◆	
LED Connector				◆															◆	◆	◆	◆			◆					◆		
M8/M12							◆								◆			◆	◆		◆	◆	◆	◆						◆		
Micro Miniature/ Nano	◆	◆	◆	◆							◆	◆		◆	◆	◆			◆	◆	◆	◆			◆	◆	◆	◆	◆	◆	◆	◆
Medical			◆			◆								◆							◆					◆	◆			◆		

INPUT/ OUTPUT	3M	Abrakon	AirBorn	Amphenol	Amphenol Communications Solutions (ACS)/Amphenol Commercial/FCI	Amphenol PCD	Amphenol CONEC	Amphenol Positronic	Carlisle Interconnect - Tri-Star	Conesys - Aero Electric	Conesys - J-Tech	Glenair	HARTING	Harwin	iNCON Inc.	ITT Cannon	KYOCERA AVX - Elco	Molex	OMRON	Phoenix Contact	Pulse	Smiths Interconnect	Souriau (Eaton)	Spectrum Control	Switchcraft Conxall	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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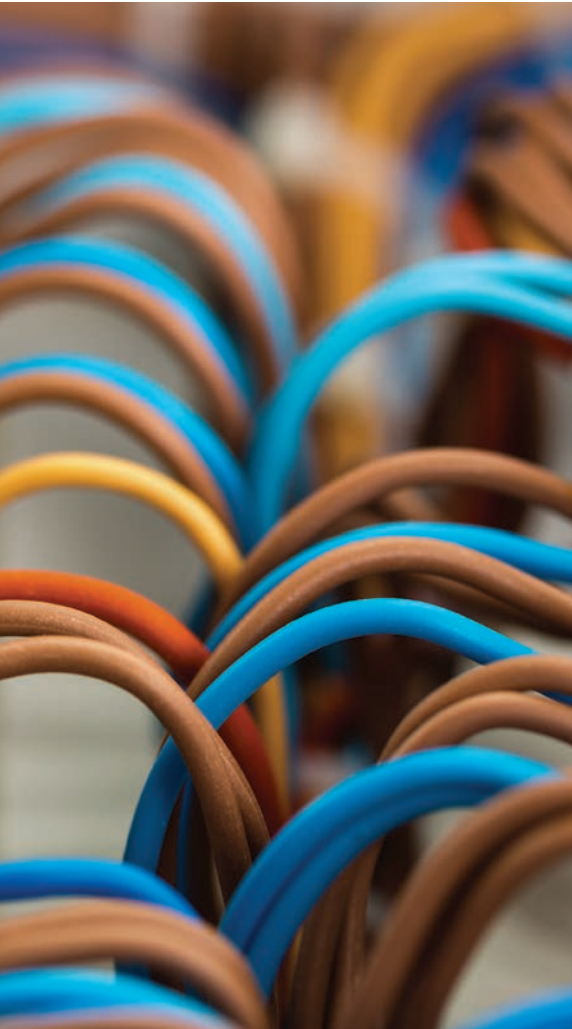
● Lead & Lead-free compliant parts available ◆ Lead-free only parts available ▲ Lead-only compliant parts available

AUDIO	Amphenol Audio	Amphenol Nexus	Amphenol Tuchel	Spectrum Control	Switchcraft Conxall	TE Connectivity
1/4" Phone (T Series, M Series and Jacks)	◆				◆	
1/4" Phone Switch Plug	◆					◆
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	Eaton	HARTING	Molex - Beau	Phoenix Contact	Souriau (Eaton)	Spectrum Control	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 (Sine)	Amphenol Communications Solutions (ACS)/FCI	Amphenol Positronic	Amphenol CONEC	Aptiv (formerly Delphi)	Carlisle Interconnect - Tri-Star	Eaton - Royal Power	Fargo	Glenair	HARTING	Harwin	HellermannTyton	JAE Electronics	INCON Inc.	ITT Cannon	KOSTAL	KYOCERA AVX - Elco	Lear	Molex	Motherson	Panduit	Phoenix Contact	Preci-Dip	Smiths Interconnect	Souriau (Eaton)	Spectrum Control	Sumitomo Wiring Systems	Switchcraft Conxall	TE Connectivity	Yazaki	
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	◆		◆		◆	◆		◆							◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆		◆			◆	◆	
Speciality	◆	◆		◆		◆	◆	◆	◆	◆	◆			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Terminal Blocks		◆	◆					◆			◆					◆	◆	◆	◆	◆	◆	◆	◆						◆	◆		
Tooling	◆	◆	◆	◆		◆	◆	◆		◆	◆		◆			◆	◆	◆	◆	◆			◆	◆	◆	◆	◆				◆	
USB	◆	◆	◆		◆	◆		◆			◆			◆		◆	◆	◆	◆	◆			◆	◆	◆				◆	◆	◆	
Wire & Cable	◆	◆						◆							◆		◆	◆	◆	◆	◆									◆	◆	
Wire Management	◆		◆		◆	◆		◆					◆				◆	◆	◆	◆	◆	◆	◆							◆	◆	
Wire-to-Board	◆	◆	◆	◆	◆	◆		◆		◆	◆	◆		◆		◆	◆	◆	◆	◆			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Wire-to-Wire	◆	◆	◆	◆	◆	◆		◆		◆	◆	◆		◆		◆	◆	◆	◆	◆	◆	◆	◆			◆	◆	◆	◆	◆	◆	◆

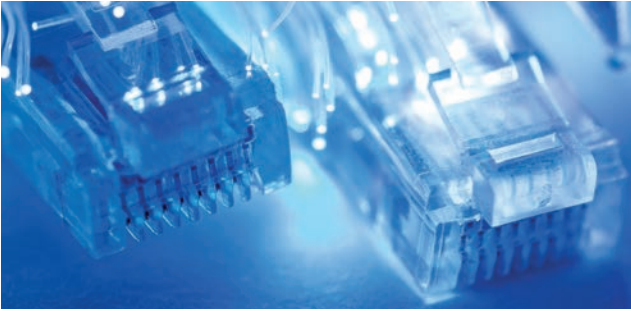
WIRE-TO-BOARD WIRE-TO-WIRE	3M	AirBorn	Amphenol	Amphenol Communications Solutions (ACS)/FCI	Amphenol Positronic	Eaton - Royal Power	Glenair	HARTING	Harwin	INCON Inc.	ITT Cannon	JAE Electronics	KYOCERA AVX - Elco	Molex	Phoenix Contact	Smiths Interconnect	Souriau (Eaton)	Switchcraft/Conxall	TE Connectivity
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	◆	◆			◆		◆							◆					◆



RELAYS	FCL COMPONENTS	KEMET-NECTOKIN	Littelfuse	Littelfuse-ColeHersee	Littelfuse - Hamlin	Littelfuse - Hartland	Littelfuse - IXYS	OMRON	Panasonic	Phoenix Contact	Sensata - Crydom	Sensata - Cynergy	Sensata - Gigavac	TDK	TE Connectivity
Automotive	◆			◆				◆	◆						◆
Communication		◆						◆	◆						◆
Compressor					◆										◆
Contactors			◆					◆	◆	◆			◆	◆	◆
Crystal Can															◆
Definite Purpose Contactors					◆										◆
DIN Rail Mounted								◆	◆	◆	◆				◆
Dry Reed					◆										◆
Forcibly-Guided Contact								◆	◆	◆					◆
General Purpose								◆	◆	◆			◆		◆
High-Voltage Switching								◆	◆	◆		◆	◆		◆
Industrial DC & AC								◆	◆	◆	◆				◆
Input/Output Modules								◆	◆	◆					◆
Low-Signal PCB		◆	◆					◆	◆						◆
Magnetic Latching		◆	◆					◆	◆						◆
Military															◆
Miniature PCB		◆						◆	◆	◆					◆
Monitoring								◆	◆	◆					◆
MOSFET						◆		◆	◆	◆		◆			◆
Panel/Plug-In								◆	◆	◆					◆
Phase Sequencing															◆
Power								◆	◆	◆	◆				◆
Power Controllers															◆
Power Distribution Panels															◆
Power Modules											◆				◆
Power PCB	◆							◆	◆	◆					◆

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

RELAYS (CONT'D)	FCL COMPONENTS	KEMET-NECTOKIN	Littelfuse	Littelfuse-ColeHersee	Littelfuse - Hamlin	Littelfuse - Hartland	Littelfuse - IXYS	OMRON	Panasonic	Phoenix Contact	Sensata - Crydom	Sensata - Cynergy	Sensata - Gigavac	TE Connectivity
Programmable Time Delay								◆		◆	◆			◆
Protective								◆	◆					◆
Reed					◆							◆		◆
Reverse Power														◆
RF								◆	◆			◆		◆
Rotary														◆
Safety								◆	◆	◆				◆
Signal		◆	◆					◆	◆	◆				◆
Sockets								◆	◆					◆
Solid State		◆		◆				◆	◆	◆	◆			◆
Time Delay								◆		◆	◆			◆
Timers									◆	◆				◆
TO-5														◆
Traffic Control														◆

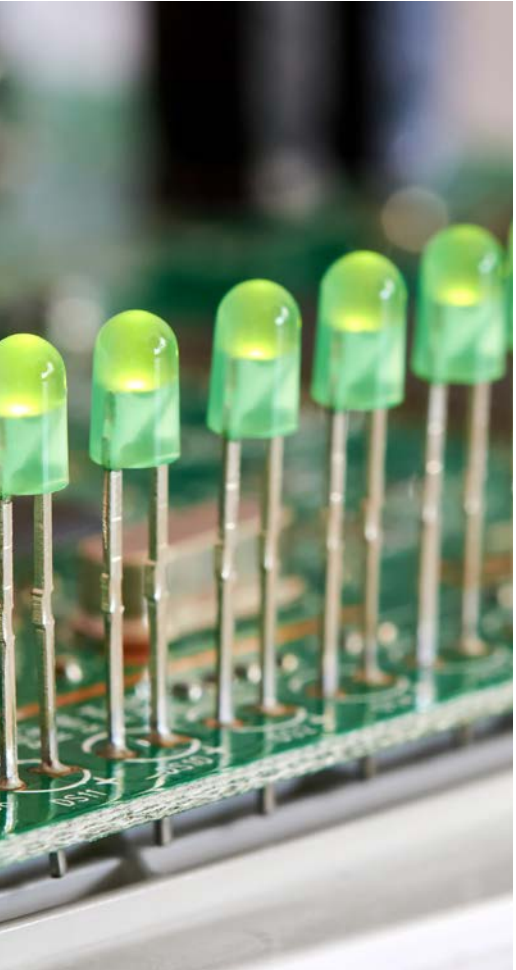


SENSORS	Amphenol Advanced Sensors	Amphenol All Sensors	Amphenol Piher Sensing Systems	Amphenol SGX	ams OSRAM	Bourns	Eaton	Honeywell	KEMET	KOA Speer	KYOCERA AVX	Littelfuse (Hamlin, US Sensor)	Molex/Contrinex	Murata	OHMITE	OMRON Automation & Safety	OMRON Components	Panasonic	Phoenix Contact	ROHM Semiconductor	Sensata (BEI Sensors, Cynergy3, Kavlico)	SGX Sensortech	SSI Technologies	Standex Meder	TDK/EPCOS	TE Connectivity's Sensor Solutions	TT Electronics	Vishay	Vishay - Sfernice
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	◆						◆	◆		◆	◆	◆		◆				◆								◆	◆		◆
Temperature Sensing Probes & Assemblies	◆							◆	◆	◆	◆	◆		◆							◆					◆	◆		◆
RTD	◆							◆				◆				◆					◆					◆	◆		◆
Infrared/Thermopiles	◆								◆								◆	◆									◆		
Thermocouple	◆															◆					◆						◆		
OTHER																													
Current			◆					◆	◆											◆	◆						◆		
Fluid Quality & Liquid Level					◆							◆	◆			◆							◆	◆		◆			

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

ADDITIONAL DISCRETE COMPONENTS					
	Littelfuse - IXYS	Nexperia	PANJIT	ROHM Semiconductor	Toshiba
Analog Switches	◆	◆	◆	◆	
LDO (Low Drop Out) Voltage Regulator			◆	◆	◆
Logic		◆		◆	◆
Motor Control Drivers			◆	◆	◆
RF Diodes				◆	◆
RF Transistors		◆		◆	◆
Voltage Regulators			◆	◆	■
■ MIL Spec Discretes (DSCC)					
MEMORY					ROHM Semiconductor
					TDK
CompactFlash™, CFast™					◆
DRAM					◆
SD Memory Cards					◆
Serial EEPROM					◆
Solid State Drives (SSD)					◆

OPTOELECTRONICS										
	ams OSRAM	Cree LED	Dialight	Kingbright	KYOCERA Display	Littelfuse - IXYS	Nexperia	ROHM Semiconductor	Toshiba	TT Electronics - OPTeK
High-Voltage Isolators									◆	◆
Infrared Emitters	◆			◆						◆
Infrared Sensors/Receivers	◆			◆						◆
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			◆		◆				◆	◆
Solid State Relays					◆			◆		
TFT Displays				◆						◆
TFT Displays				◆						◆



ANTENNAS			Abracon	Amphenol	Spectrum Control	KYOCERA AVX	Murata	Pulse/YAGEO	TDK	TE Connectivity
Application	Type	Frequency (MHz)								
GPS	Chip*	1575	◆			◆		◆	◆	◆
		1500-1600	◆			◆		◆	◆	◆
		1227.6/1176 (L2/L5)	◆			◆		◆		◆
	Passive Patch	1227	◆		◆	◆				◆
		1575	◆	◆	◆	◆		◆		◆
		1575/1598-1606	◆	◆		◆		◆		◆
		1592 Inmarsat			◆	◆				◆
		1615 Globalstar			◆	◆				
		1621 Iridium	◆		◆	◆				
		2338 SDARS	◆			◆		◆		
		1227.6/1176 (L2/L5)	◆			◆		◆		◆
		1176	◆			◆		◆		◆
	FPC/PCB	558-1610	◆	◆			◆			
	Internal Active w/cable	1575/1592-1610	◆	◆			◆			◆
	External Active w/cable	1575	◆	◆			◆			◆
		1575/1594-1610	◆	◆			◆			◆
		1164-1610	◆				◆			◆
Combo	External	1575	◆	◆			◆			◆
	GPS + Wi-Fi	1575/2400	◆	◆			◆		◆	◆
	GPS + Dual Wi-Fi	1575/1602 2400/5000	◆	◆			◆		◆	◆
	Ext Active Cellular + GPS	Multiple	◆	◆			◆			◆
	External Cellular + GPS	Multiple	◆	◆			◆			◆
RFID	NFC Tag	13.56	◆				◆	◆		
	On Metal RFID Tags	902-928	◆				◆			
	RFID Tag Antenna	865-928	◆				◆	◆		
	RFID Reader Antenna	868, 915	◆	◆			◆	◆		◆
ISM	Chip*	169						◆		
		315						◆		◆
		433	◆			◆		◆		◆
		868	◆			◆		◆		◆
	FPC/PCB	915	◆		◆	◆		◆	◆	◆
		433				◆				
		868	◆		◆			◆		◆
	External	915	◆		◆	◆		◆		◆
		433	◆	◆						◆
		868	◆	◆		◆		◆		◆
	Outdoor	915	◆	◆		◆		◆		◆
		868/900	◆	◆		◆		◆		◆
Wi-Fi/Bluetooth/BLE/ ZigBee	Chip*	169						◆		
		315						◆		◆
		433	◆			◆		◆		◆
		868	◆			◆		◆		◆
	FPC/PCB	915	◆		◆	◆		◆	◆	◆
		433				◆				
		868	◆	◆		◆		◆		◆
	External	915	◆	◆		◆		◆		◆
		868	◆	◆		◆		◆		◆
		868/900	◆	◆		◆		◆		◆
	Outdoor	915	◆	◆		◆		◆		◆
		2400	◆			◆		◆	◆	◆
		5000	◆			◆		◆	◆	◆
	FCP/PCB	Dual-Band Wi-Fi	◆			◆		◆	◆	◆
		Tri-Band Wi-Fi (2400/5000/6000)						◆		
		2400	◆	◆		◆		◆		◆
	External	5000	◆	◆		◆		◆		◆
		Dual-Band Wi-Fi	◆	◆		◆		◆		◆
		Tri-Band Wi-Fi (2400/5000/6000)	◆	◆				◆		◆
	Outdoor	2400	◆	◆		◆		◆		◆
		5000	◆	◆		◆		◆		◆
		Dual-Band Wi-Fi	◆	◆		◆		◆		◆
Wireless Charge Coil	Multiple Types	Tx						◆		
		Rx						◆		

*SMD/MT

ANTENNAS			Abracon	Amphenol	Spectrum Control	KYOCERA AVX	Murata	Pulse/YAGEO	TDK	TE Connectivity
Application	Type	Frequency (MHz)								
Cellular	Chip*	698-960	◆			◆		◆		◆
		1710-2690	◆			◆		◆		◆
		2500-2700	◆			◆		◆		◆
		PentaBand	◆			◆		◆		◆
		Octaband	◆			◆		◆		◆
	FPC/PCB	698-960	◆	◆		◆		◆		◆
		1710-2690	◆	◆		◆		◆		◆
		2500-2700	◆	◆		◆		◆		◆
		PentaBand	◆	◆		◆		◆		◆
		Octaband	◆			◆		◆		◆
	External	698-960	◆	◆		◆		◆		◆
		1710-2690	◆	◆		◆		◆		◆
		2500-2700	◆	◆		◆		◆		◆
		PentaBand	◆	◆		◆		◆		◆
		Octaband	◆			◆		◆		◆
	Outdoor	698-960	◆	◆		◆		◆		◆
		1710-2690	◆	◆		◆		◆		◆
		2500-2700	◆	◆		◆		◆		◆
		PentaBand	◆	◆		◆		◆		◆
		Octaband	◆			◆		◆		◆
	Vehicular	698-960		◆		◆		◆		◆
		1710-2690		◆		◆		◆		◆
		2500-2700		◆		◆		◆		◆
		PentaBand		◆		◆		◆		◆
		Octaband				◆		◆		◆
5G	Multiple Types	Multiple	◆			◆		◆		◆

*SMD/MT



**The IP&E
Specialist**

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 via tti.com.



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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, available-to-sell inventory, stocking more than 850,000 part numbers globally – that's more connector, passive, electromechanical and discrete inventory available than from any other source.

TTI Supply Chain Solutions

TTI Supply Chain Specialists can analyze and make optimization recommendations throughout your entire production process, from long-lead-time components to receiving and warehousing to the production floor and shipping. By maximizing efficiencies while balancing security, availability and up-time, TTI can help lower your total cost of ownership, improve efficiencies and streamline your entire supply logistics.

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Year after year, customers rate our inventory availability, on-time delivery and accuracy among the very best in the industry – call your local TTI Specialists at 1.800.CALL.TTI and discover why.

