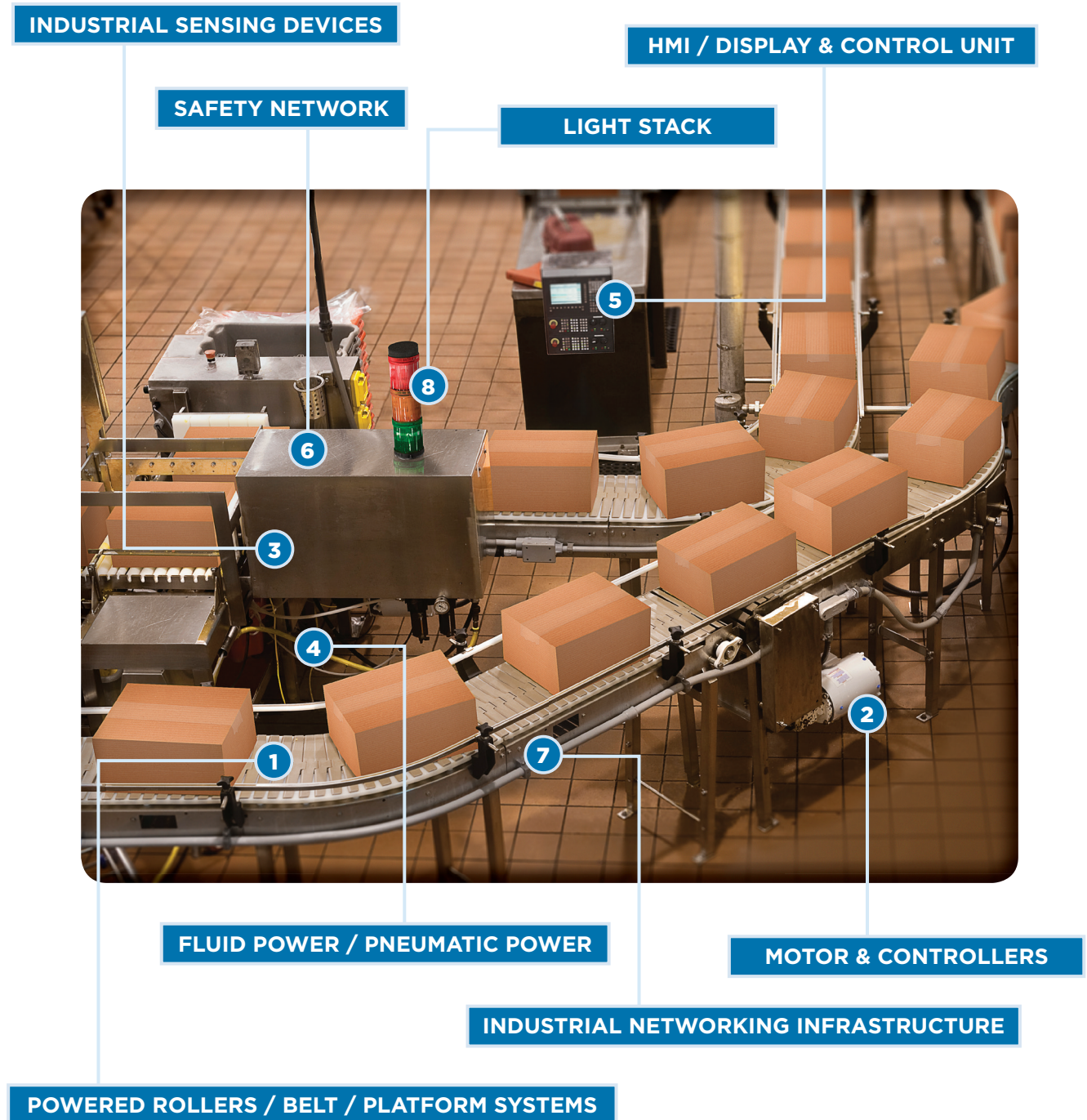




INNOVATIVE SOLUTIONS

Reliable, quick to install, industry-proven products

TE offers solutions for all of your material handling design needs.



DESIGN NAVIGATOR

		Max Current Rating (A) ¹	High Vibration Performance	Particle & Liquid Sealing	Environmental Corrosion Protection	Protection Against Mechanical Shock	Thermal Performance	Power & Signal Combined	Durable in Harsh Environments	Quick Connect/Disconnect	Speed & Determinism	Standards
1	POWERED ROLLERS / BELT / PLATFORM SYSTEMS											
	AMPMODU Board-to-Board & Wire-to-Board Conn.	1 to 3	●			●			●	●		UL, CSA
	Circuit Protection Devices	15	●			●	●					UL, CSA, TUV
	Dynamic Series Wire-Applied Connectors	65	●			●	●					UL, RU, CSA, TUV
	Eurostyle Terminal Blocks	125	●			●	●					RU, CSA, VDE
	M8/M12 Connector System	5.0	●	●	●	●	●		●	●	●	UL, CSA
	Mini-Universal MATE-N-LOK Wire-Applied Conn.	11.2		●			●	●		●		UL, CSA, VDE (250V Max)
	Signal Double Lock Wire-Applied Connectors	3.0					●			●		UL, CSA, VDE
2	MOTOR & CONTROLLERS											
	AMPLIMITE D-subminiature Connectors	7.5	●		●	●	●	●	●	●		UL, CSA
	AMPMODU Board-to-Board & Wire-to-Board Conn.	1 to 3	●			●			●	●		UL, CSA
	Cable Assemblies²	N/A	●	●	●	●	●	●	●	●	●	UL, CSA, VDE
	CHAMP Board-to-Board & Wire-to-Board Conn.	1.0	●			●	●					UL, CSA, SCSI
	Circuit Protection Devices	15	●			●	●					UL, CSA, TUV
	Circular Plastic Connectors (CPC)	60	●	●		●	●	●	●			UL, CSA, VDE
	Corcom Power Line Filters		Refer to the table below for product details									UL, CSA, VDE
	DIP Switches	0.1		●		●						N/A
	Dynamic Series Wire-Applied Connectors	65	●			●	●					UL, RU, CSA, TUV
	Heavy Duty Connectors (HDC)	350	●	●	●	●	●	●	●	●	●	UL, CSA, SEV, VDE, DIN
	Industrial Ethernet Products	0.5	●	●	●	●	●		●	●	●	UL, CSA
	Industrial Mini I/O Connector System	0.5	●			●	●			●	●	N/A
	Mini-Universal MATE-N-LOK Wire-Applied Conn.	11.2		●			●	●		●		UL, CSA, VDE (250V Max)
	Motorman Hybrid I/O Connectors	20	●	●		●	●	●	●	●	●	UL, CSA, VDE, Cat5e
	PLASTI-GRIP Terminals & Splices	N/A										N/A
	Printed Circuit Board (PCB) Relays	35		●		●						RU, CSA, UL, TUV, SEMCO, CQC, Industry*
	RJ45 Modular Jacks & Plugs	1.5	●			●	●			●	●	TIA-1096-A
	SFP+ Connectors & Cages	N/A				●				●	●	Industry*
	Terminal Blocks	30					●					RU, CSA
	Terminals & Splices	30	●	●	●	●	●			●	●	UL, CSA, Industry*
	USB Connectors	1.8	●	●		●	●	●		●	●	Industry*
3	INDUSTRIAL SENSING DEVICES											
	AMPLIMITE D-subminiature Connectors	7.5	●		●	●	●	●	●	●		UL, CSA
	Circular Plastic Connectors (CPC)	60	●	●		●	●	●	●	●		UL, CSA, VDE
	Industrial Ethernet Products	0.5	●	●	●	●	●		●	●	●	UL, CSA
	Industrial Mini I/O Connector System	0.5	●			●	●			●	●	N/A
	M8/M12 Connector System	5.0	●	●	●	●	●		●	●	●	UL, CSA
4	FLUID POWER / PNEUMATIC POWER											
	AMPLIMITE D-subminiature Connectors	7.5	●		●	●	●	●	●	●		UL, CSA
	Circular Plastic Connectors (CPC)	60	●	●		●	●	●	●	●		UL, CSA, VDE
	Corcom Power Line Filters		Refer to the table below for product details									UL, CSA, VDE
	Dynamic Series Wire-Applied Connectors	65	●			●	●					UL, RU, CSA, TUV
	Heavy Duty Connectors (HDC)	350	●	●	●	●	●	●	●	●	●	UL, CSA, SEV, VDE, DIN
	Industrial Ethernet Products	0.5	●	●	●	●	●		●	●	●	UL, CSA
	M8/M12 Connector System	5.0	●	●	●	●	●		●	●	●	UL, CSA
5	HMI / DISPLAY & CONTROL UNIT											
	Refer to the Innovative Solutions for Industrial Control guide (document number 6-1773462-6) for information on products included in this subsystem											
6	SAFETY NETWORK											
	Force Guided Relays	8.0		●								RU, VDE, TUV, CQC, Industry*
	Knobs	N/A					●		●			N/A
	M8/M12 Connector System	5.0	●	●	●	●	●		●	●	●	UL, CSA
	Switches	20		●	●		●	●	●	●		UR, CSA, VDE, UL
7	INDUSTRIAL NETWORKING INFRASTRUCTURE											
	AMPLIMITE D-subminiature Connectors	7.5	●		●	●	●	●	●	●		UL, CSA
	Cable Assemblies²	N/A	●	●	●	●	●	●	●	●	●	UL, CSA, VDE
	Circular Plastic Connectors (CPC)	60	●	●		●	●	●	●	●		UL, CSA, VDE
	Industrial Ethernet Products	0.5	●	●	●	●	●		●	●	●	UL, CSA
	Industrial Mini I/O Connector System	0.5	●			●	●			●	●	N/A
	M8/M12 Connector System	5.0	●	●	●	●	●		●	●	●	UL, CSA
	USB Connectors	1.8	●	●		●	●	●		●	●	Industry*
8	LIGHT STACK											
	AMPLIMITE D-subminiature Connectors	7.5	●		●	●	●	●	●	●		UL, CSA
	Circular Plastic Connectors (CPC)	60	●	●		●	●	●	●	●		UL, CSA, VDE
	M8/M12 Connector System	5.0	●	●	●	●	●		●	●	●	UL, CSA

CORCOM EMI/RFI POWER LINE FILTERS				
Series	Type	Rated Current / Voltage (max)	Agency Approvals	
EC Series	Single Phase	RFI Filter for Frequency Converters	6 - 50A / 250 VAC	UL
K Series		General Purpose RFI Filter	1 - 60A / 250 VAC	UL, CSA, VDE
AYC Series		WYE or Delta RFI Power Line Filter	16 - 200A / 480 VAC / 277 VAC	UL
BCF Series	Three Phase	Compact Delta RFI Filter for universal applications	7 - 180A / 480 VAC / 277 VAC	UL, CSA, VDE

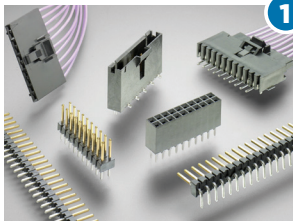
For a complete list of TE's Corcom EMI/RFI filters, visit: www.corcom.com

¹ May vary based on application and product selection

² Solves the same problems as the applied interconnect

UL - UL Listed
 RU - Recognized Under
 CSA - Canadian Standards Association
 * Industry - Meets product specific industry standards
 (see product page on te.com for more detail)

FEATURED PRODUCTS



1

AMPMODU Board-to-Board & Wire-to-Board Connectors

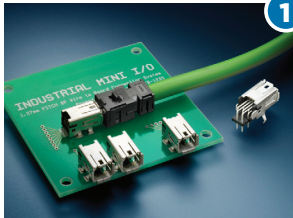
- Achieve high vibration performance and reliability with polarized latching receptacles
- Reduce termination time with optional insulation displacement contacts (IDC)
- Satisfy a broad range of signal needs with easy application and competitively priced diverse portfolio

[Website](#)

[Catalog](#)

[Quick Reference Guide I](#)

[Quick Reference Guide II](#)



1

Industrial Mini I/O Connector System

- Obtain a Cat5e connection using a small and rugged industrial connector
- Save wire termination time with an innovative field installable piercing contact
- Ensure reliable connections in industrial and vibration-prone environments

[Website](#)

[Product Presentation](#)

[Data Sheet](#)



1

Dynamic Series Wire-Applied Connectors

- Suitable for low signal to high power applications with a broad range of versatile contacts
- Save time and money with a centralized modular wiring system
- Prevent mismatching with keyed housings

[Website I](#)

[Website II](#)

[Catalog](#)

[Quick Reference Guide](#)



1

M8/M12 Connector System

- Save time and money with a complete standard portfolio of connectors, cable assemblies and passive I/O modules
- Design for applications exposed to harsh environments and extreme temperatures
- Provide a comprehensive industrial communications offering with customized solutions and cable assemblies

[Website](#)

[Catalog](#)

[Product Presentation](#)

[Data Sheet](#)



2

Industrial Ethernet Products

- Support low cost, reliable connections with proven RJ45 interface and field installable option
- Ideal for use in harsh environments with high grade IP rating and temperature resistance
- Achieve design flexibility with Fiber Optics or RJ45 copper connections

[Website](#)

[Catalog](#)

[eLearning Module](#)



2

RJ45 Modular Jacks & Plugs

- Reduce electrical noise and gain up to Cat 5e performance
- Gain additional PCB space with low profile and narrow housing design
- Suitable for a broad range of applications with diverse product configurations

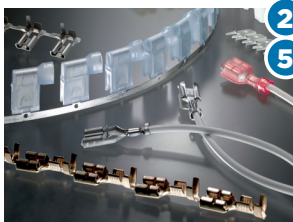
[Website I](#)

[Website II](#)

[Catalog I](#)

[Catalog II](#)

[Quick Reference Guide](#)



2

Terminals & Splices

- Reliable in thermally diverse applications due to high quality crimp / brazed seam
- Improve productivity and reliability through quick connection design
- Gain design flexibility and ease of maintenance with broad portfolio

[Website](#)

[Catalog](#)

[Quick Reference Guide](#)

[Product Presentation](#)

FEATURED PRODUCTS



2
5

USB Connectors

- Support data transfer rates of standard USB 2.0 or the 10 times faster USB 3.0
- Optimize power efficiencies with improved device interaction and charging time
- Standard and customized styles and orientations available

[Website I](#)
[Website II](#)
[Quick Reference Guide](#)
[Product Presentation](#)
[Video](#)

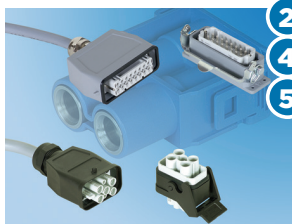


2
5

SFP+ Connectors & Cages

- Support (Industrial) Ethernet, applications for up to 16 Gb/s
- Improve thermal performance with enhanced side walls, vertical separators, and latch plate
- Outperform standard SFP+ cages by a 3% reduction in temperature

[Website](#)
[Catalog](#)
[Quick Reference Guide](#)
[Product Presentation](#)
[Virtual Sample Kit](#)



2
4
5

Heavy Duty Connectors (HDC)

- Lower applied cost with quick and easy assembly options
- Gain machine configuration flexibility by combining power, signal and data circuits
- Withstand severe environmental conditions with IP68 configuration options

[Website](#)
[Catalog](#)



2
3
4
7
8

Circular Plastic Connectors (CPC)

- Mixed power and signal available in a single interconnect
- Ideal for harsh environments where mechanical shock, moisture and debris are prevalent
- Efficient field repair achieved by removable contacts and replaceable coupling ring

[Website](#)
[Catalog I](#)
[Catalog II](#)
[Product Presentation](#)

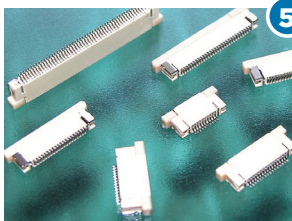


1
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4
6
7
8

AMPLIMITE D-Subminiature Connectors

- Ideal for industrial applications due to intermateability and rugged design
- Proven performance at competitive prices
- Support a broad range of design and application needs with extensive product offering

[Website](#)
[Catalog](#)

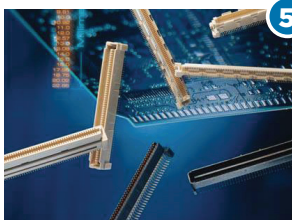


5

Flexible Printed Circuit (FPC) Connectors

- Maximize mating cycles and retention with zero insertion force (ZIF) option
- Support smaller and lighter designs with mixed signal and low power routing
- Maximize board space with angled insertion design option

[Website](#)
[Quick Reference Guide](#)



5

Free Height (FH) Board-to-Board Connectors

- Support high reliability with polarized mating
- Provide design flexibility with a variety of stack heights
- Save valuable PCB space with compact connector design

[Website](#)
[Catalog](#)
[Quick Reference Guide](#)

LET'S CONNECT

TE Connectivity (TE) is your material handling solution provider for electromechanical and electronic components. Whether you are designing a new system or retrofitting an existing system, this solutions guide will help you select the required components with easy access to additional online information through te.com. TE's reliable, quick to install and industry-proven innovative product solutions may help you save on system maintenance costs and downtime.

Technical Support

te.com/support-center

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