



MORE SOLUTIONS

TE Connectivity's (TE) extensive connector and sensor solutions provide the essential connectivity you need for your daily interactions at home and in the workplace. Whether you are looking to design next generation display panels and internal LED lighting or you're designing-in for the latest door alarms and pressure sensors, TE has the essential products you need for always-on connectivity.



RODUCTS LIABLE D

Common Termination (CT) AMP CT connectors have broad industry usage and feature both crimp and IDC style interconnect on 2mm centerline spacing, with many header options.

High Performance Interconnect (HPI) High performance interconnects (HPI) are standards based square-peg technology in

single- and dual-row post headers available in various pitches and colors.

Flat Flex Cable (FFC) Our broad portfolio of flat flexible cable

(FFC) covers almost any combination of requirements for high density cable-to-board, and cable-to-cable connector solutions.

Grace Inertia 2.5

The Grace Inertia 2.5 connector offers advanced design in a 2.5mm pitch providing a more reliable connection. This design can also be used in HVAC and consumer products.

Micro MATE-N-LOK

Requiring only 4.7mm of vertical height, low profile micro MATE-N-LOK connectors excel in small appliance and consumer applications. Offering a 3mm centerline, this wire-to-wire and wire-to-board connector system provides positive latching to prevent mis-mating.

CoolSplice

CoolSplice connectors were designed to connect a pair of discrete wires or a twin cord cable in line to a pair of discrete wires or twin cord cables. The connectors help eliminate the need to pre-strip insulation from wire conductors and provide a visually controlled termination.

Releasable Poke In Connectors

Surface mount, low profile releasable poke-in connectors were developed to accommodate a variety of design requirements. The surface mount releasable poke-in connectors are ideal for LED lighting applications.

AMPMODU 50/50 Grid

Featuring a .050 x .050 (1,27mm x 1,27mm) pitch AMPMODU 50/50 grid connector family includes a variety of high density board-to-board and wire-to-board connectors. The connectors are well suited for applications subject to severe shock and vibration.







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Mini Common Termination (Mini CT)

AMP mini CT connectors include all of the features of AMP CT connectors in a more compact (1.5mm) design.

Flexible Printed Circuit

(FPC) Our flexible printed circuit (FPC) products offer a low profile height and light-weight solution that's available in centerline spacing from 0.25mm through 1.25mm.

Economy Power 2.5 TE's economy power 2.5 connector system offers a compact and true locking latch feature, which prevents the plug housing and header from vibrating apart. These connectors improve efficiency and are available in multiple materials and color offerings.

Grace Inertia 3.3 The Grace Inertia power connector

prevents defective products caused by half mating and helps prevent connectors from being disconnected during movement or transportation. This ergonomic design and lanceless contacts improves safety and efficiently during operation.

Signal Double Lock

TE's power double lock connector system offering a small centerline of 2.5mm is a smooth and compact design, which provides better locking strength and prevents snagging when matted. Our broad portfolio offers a solution for commercial and residential needs

SlimSeal

Low profile and single row SlimSeal solid state lighting (SSL) connectors were developed for indoor and outdoor LED lighting applications, and well suited for any application where low power (5A - 300V), sealing, and UV resistant connections are required.

Mini Hermaphroditic Connectors

The low profile, surface mount miniature hermaphroditic board-to-board connectors and the miniature wire-to-board connectors are an ideal fit in tight spaces. The vacuum pick and place design features make it suitable for high volume automated manufacturing.

AMPMODU System 50

The AMPMODU system 50 connector family includes a variety of high density board-toboard and wire-to-board connectors. The connectors are well suited for applications subject to severe shock/vibration.



TOUCH & SEE WITH USER INTERFACE

Don't let function override form. Our broad portfolio of reliable and consistent connectivity solutions – for everything from a sensitive touch screen or membrane switch to bold indicators in a harsh environment – allows you to focus on delivering a more intuitive overall design for your critical user interface experience.

- Touch Screens
- Visual Indicators
- Display Panels
- Audio Indicators
- Clocks/Timers
- Ice & Water Controls



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Product Family	Centerline	Mating Style	Term. Method	Wire Size (AWG)	Position Size Range	Current Rating	Features	Touch Screens	Display Panels	Clock/ Timer	Visual Indicators	Audio Indicators	Ice & Water Controls
Common Termination (CT)	2.0	WTB	CRIMP & IDC	30-22	2 - 30	Up to 4A	Full portfolio of standard options World class application tooling UL & CSA			•	•	•	•
Mini Common Termination (Mini CT)	1.5	WTB	CRIMP & IDC	28-24	2 - 40	Up to 3A	Full portfolio of standard options World class application tooling UL & CSA			•	•	•	•
High Performance Interconnect (HPI)	0.8 - 2.5	WTB	CRIMP	30-24	2 - 30	Up to 3A	Wide range of CL options, Multiple Color Variations Latching Options			•	•	•	•
Flexible Printed Circuit (FPC)	0.25 - 1.25	FTB	ZIF & NON-ZIF	N/A	2 - 75	0.5A	Slant insertion option	•	•	•	•	•	
Flat Flex Cable (FFC)	0.050" & 0.100"	FTB	CRIMP	N/A	2 - 70	0.5A	Industry best contact design application tooling Many housing & header options	•	•			•	
Economy Power 2.5	2.5mm	WTW WTB	CRIMP	26-22	2-20 single 8-40 double	4.5A	TPA External robust locking latch, Low insertion force and lubricated terminal colors available	•	•				•
Grace Inertia 2.5	2.5mm	WTB	CRIMP	22-28	2, 3, 5, 6, 8	3A	TPA, Four Colors, Lock prevents half mating, & Half mating easily detect design	•	•				•
Grace Inertia 3.3	3.3mm	WTB (TPA)	CRIMP	20-24	4, 6, 8, 10, 12	4A	TPA, Four Colors, Lock prevents half mating, & Half mating easily detect design			•	•	•	•
Micro MATE-N-LOK	3mm	WTW WTB	CRIMP	20-30	2-12 single 2-24 double	5A	Low profile design, Dual beam receptacle contact design, PCB mount pin header assemblies	•	•	•	•	•	•
Signal Double Lock	2.5mm	WTW WTB	CRIMP	26-20	2-13 WTB 2-10 WTW	3A	TPA, board-mounted headers, multiple colors, Polarizing ribs on plug housing	•	•				•
CoolSplice		WTW	IDC	18-20/22	1-2	5A/3.5A	Sealed and unsealed versions						
SlimSeal	Varies	WTB WTW	CRIMP	18-20/ 22-24	1-4	5A/3.5A							
Releasable Poke In Connectors	4mm	WTB	Poke-in	18-22	1-3	5A		•	•	•	•	•	•
Mini Hermaphroditic Connectors	3mm	BTB			1,2,4,6	3A							
AMPMODU System 50	0.50" x.100"	BTB WTB	IDC	30-32	4-50 8-100	.5A/3A	FFC amd ribbon cable versions	•					
AMPMODU 50 / 50 Grid	.05"	BTB WTB	IDC	28,30	10-100	.5A	Ribbon cable	•					

ILLUMINATE DESIGNS WITH LIGHTING

From outdoor luminaires to commercial refrigeration, innovation in lighting is taking advantage of broad-based technological progress. TE is your lighting solutions provider for electromechanical and electronic components that seamlessly integrate controls and transmit power and data across multiple building systems.

- Internal LED Lighting
- Ambient Lighting
- Appliances
- Retail
- Accent



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Product Family	Centerline	Mating Style	Term. Method	Wire Size (AWG)	Position Size Range	Current Rating	Features	Internal LED Lighting	Ambient Lighting
Common Termination (CT)	2.0	WTB	CRIMP & IDC	30-22	2 - 30	Up to 4A	Full portfolio of standard options World class application tooling UL & CSA	•	•
Mini Common Termination (Mini CT)	1.5	WTB	CRIMP & IDC	28-24	2 - 40	Up to 3A	Full portfolio of standard options World class application tooling UL & CSA	•	•
High Performance Interconnect (HPI)	0.8 - 2.5	WTB	CRIMP	30-24	2 - 30	Up to 3A	Wide range of CL options, Multiple Color Variations Latching Options	•	•
Flexible Printed Circuit (FPC)	0.25 - 1.25	FTB	ZIF & NON-ZIF	N/A	2 - 75	0.5A	Slant insertion option		
Flat Flex Cable (FFC)	0.050" & 0.100"	FTB	CRIMP	N/A	2 - 70	0.5A	Industry best contact design application tooling Many housing & header options		
Economy Power 2.5	2.5mm	WTW WTB	CRIMP	26-22	2-20 single 8-40 double	4.5A	TPA External robust locking latch, Low insertion force and lubricated terminal colors available	•	
Grace Inertia 2.5	2.5mm	WTB	CRIMP	22-28	2, 3, 5, 6, 8	3A	TPA, Four Colors, Lock prevents half mating, & Half mating easily detect design	•	
Grace Inertia 3.3	3.3mm	WTB (TPA)	CRIMP	20-24	4, 6, 8, 10, 12	4A	TPA, Four Colors, Lock prevents half mating, & Half mating easily detect design	•	•
Micro MATE-N-LOK	3mm	WTW WTB	CRIMP	20-30	2-12 single 2-24 double	5A	Low profile design, Dual beam receptacle contact design, PCB mount pin header assemblies	•	•
Signal Double Lock	2.5mm	WTW WTB	CRIMP	26-20	2-13 WTB 2-10 WTW	3A	TPA, board-mounted headers, multiple colors, Polarizing ribs on plug housing	•	
CoolSplice		WTW	IDC	18-20/22	1-2	5A/3.5A	Sealed and unsealed versions	•	•
SlimSeal	Varies	WTB WTW	CRIMP	18-20/ 22-24	1-4	5A/3.5A		•	•
Releasable Poke In Connectors	4mm	WTB	Poke-in	18-22	1-3	5A		•	•
Mini Hermaphroditic Connectors	3mm	BTB			1,2,4,6	3A		•	•
AMPMODU System 50	0.50" x.100"	BTB WTB	IDC	30-32	4-50 8-100	.5A/3A	FFC amd ribbon cable versions		
AMPMODU 50 / 50 Grid	.05"	BTB WTB	IDC	28,30	10-100	.5A	Ribbon cable		

CREATE PEACE OF MIND WITH SAFETY

Safety is the number one priority when it comes to human-machine interactions in your home and commercial buildings. Whether it's an alarm, temperature control, security system or other small applications - reliable and consistent connectivity is key. Our broad portfolio of low power and signal connectivity products help ensure consumer safety, performance reliability, and are designed to address challenges in small spaces.

- Door Alarm
- Door Switch
- Door Lock
- Harnesses
- Heater
- Stepping Motor/DC Motor



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Product Family	Centerline	Mating Style	Term. Method	Wire Size (AWG)	Position Size Range	Current Rating	Features	Door Alarm	Door Switch	Door Lock
Common Termination (CT)	2.0	WTB	CRIMP & IDC	30-22	2 - 30	Up to 4A	Full portfolio of standard options World class application tooling UL & CSA	•	•	•
Mini Common Termination (Mini CT)	1.5	WTB	CRIMP & IDC	28-24	2 - 40	Up to 3A	Full portfolio of standard options World class application tooling UL & CSA	•	•	•
High Performance Interconnect (HPI)	0.8 - 2.5	WTB	CRIMP	30-24	2 - 30	Up to 3A	Wide range of CL options, Multiple Color Variations Latching Options	•	•	•
Flexible Printed Circuit (FPC)	0.25 - 1.25	FTB	ZIF & NON-ZIF	N/A	2 - 75	0.5A	Slant insertion option			
Flat Flex Cable (FFC)	0.050" & 0.100"	FTB	CRIMP	N/A	2 - 70	0.5A	Industry best contact design application tooling Many housing & header options			
Economy Power 2.5	2.5mm	WTW WTB	CRIMP	26-22	2-20 single 8-40 double	4.5A	TPA External robust locking latch, Low insertion force and lubricated terminal colors available			
Grace Inertia 2.5	2.5mm	WTB	CRIMP	22-28	2, 3, 5, 6, 8	3A	TPA, Four Colors, Lock prevents half mating, & Half mating easily detect design			
Grace Inertia 3.3	3.3mm	WTB (TPA)	CRIMP	20-24	4, 6, 8, 10, 12	4A	TPA, Four Colors, Lock prevents half mating, & Half mating easily detect design	•	•	•
Micro MATE-N-LOK	3mm	WTW WTB	CRIMP	20-30	2-12 single 2-24 double	5A	Low profile design, Dual beam receptacle contact design, PCB mount pin header assemblies	•	•	•
Signal Double Lock	2.5mm	WTW WTB	CRIMP	26-20	2-13 WTB 2-10 WTW	3A	TPA, board-mounted headers, multiple colors, Polarizing ribs on plug housing			
CoolSplice		WTW	IDC	18-20/22	1-2	5A/3.5A	Sealed and unsealed versions			
SlimSeal	Varies	WTB WTW	CRIMP	18-20/ 22-24	1-4	5A/3.5A				
Releasable Poke In Connectors	4mm	WTB	Poke-in	18-22	1-3	5A		•	•	•
Mini Hermaphroditic Connectors	3mm	BTB			1,2,4,6	3A				
AMPMODU System 50	0.50" x.100"	BTB WTB	IDC	30-32	4-50 8-100	.5A/3A	FFC amd ribbon cable versions			
AMPMODU 50 / 50 Grid	.05"	BTB WTB	IDC	28,30	10-100	.5A	Ribbon cable			

STAY ALWAYS ON WITH SENSING & WIFI

TE's sensor solutions improve the ability to observe what's happening inside of an application. Meeting a wide range of application needs, humidity, temperature, pressure, thermal, and position sensors monitor themselves and make adjustments as needed to always provide a secure, reliable, an innovative connection.

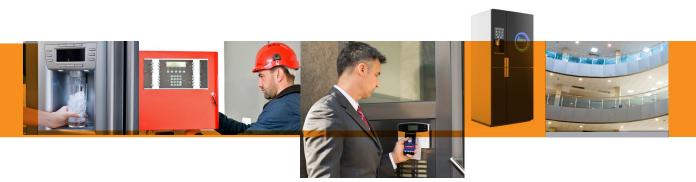
- Pressure Sensors
- Humidity Sensors
- Thermal Sensors
- Temperature Sensors
- Wi-Fi



		Ρ	RO	DUC	T SE	LEC	CTOR 🞵	Sensing	& Wi-Fi
Product Family	Centerline	Mating Style	Term. Method	Wire Size (AWG)	Position Size Range	Current Rating	Features	Sensors (Pressure, Humidity, Thermal, Temperature, etc.)	Wi-Fi Connectivity
Common Termination (CT)	2.0	WTB	CRIMP & IDC	30-22	2 - 30	Up to 4A	Full portfolio of standard options World class application tooling UL & CSA	•	•
Mini Common Termination (Mini CT)	1.5	WTB	CRIMP & IDC	28-24	2 - 40	Up to 3A	Full portfolio of standard options World class application tooling UL & CSA	•	•
High Performance Interconnect (HPI)	0.8 - 2.5	WTB	CRIMP	30-24	2 - 30	Up to 3A	Wide range of CL options, Multiple Color Variations Latching Options	•	•
Flexible Printed Circuit (FPC)	0.25 - 1.25	FTB	ZIF & NON-ZIF	N/A	2 - 75	0.5A	Slant insertion option		•
Flat Flex Cable (FFC)	0.050" & 0.100"	FTB	CRIMP	N/A	2 - 70	0.5A	Industry best contact design application tooling Many housing & header options		•
Economy Power 2.5	2.5mm	WTW WTB	CRIMP	26-22	2-20 single 8-40 double	4.5A	TPA External robust locking latch, Low insertion force and lubricated terminal colors available	•	•
Grace Inertia 2.5	2.5mm	WTB	CRIMP	22-28	2, 3, 5, 6, 8	3A	TPA, Four Colors, Lock prevents half mating, & Half mating easily detect design	•	•
Grace Inertia 3.3	3.3mm	WTB (TPA)	CRIMP	20-24	4, 6, 8, 10, 12	4A	TPA, Four Colors, Lock prevents half mating, & Half mating easily detect design	•	•
Micro MATE-N-LOK	3mm	WTW WTB	CRIMP	20-30	2-12 single 2-24 double	5A	Low profile design, Dual beam receptacle contact design, PCB mount pin header assemblies	•	•
Signal Double Lock	2.5mm	WTW WTB	CRIMP	26-20	2-13 WTB 2-10 WTW	3A	TPA, board-mounted headers, multiple colors, Polarizing ribs on plug housing	•	•
CoolSplice		WTW	IDC	18-20/22	1-2	5A/3.5A	Sealed and unsealed versions		
SlimSeal	Varies	WTB WTW	CRIMP	18-20/ 22-24	1-4	5A/3.5A		•	
Releasable Poke In Connectors	4mm	WTB	Poke-in	18-22	1-3	5A		•	•
Mini Hermaphroditic Connectors	3mm	BTB			1,2,4,6	3A			٠
AMPMODU System 50	0.50" x.100"	BTB WTB	IDC	30-32	4-50 8-100	.5A/3A	FFC amd ribbon cable versions		•
AMPMODU 50 / 50 Grid	.05"	BTB WTB	IDC	28,30	10-100	.5A	Ribbon cable		٠

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