

HVAC VIRTUAL SAMPLE KIT





POWER CONNECTS

Our power connect solutions are designed for applications requiring up to 20 Amps of power and offer versatility to serve as signal connections with a larger pitch as well. These connections adhere to stringent UL 94 VO and IEC Glow Wire requirements, helping ensure safety and reliability. Typical applications encompass powering motors, main power supplies, lighting systems, and providing power to high-power electronics, catering to diverse needs within HVAC systems.



	Subsystems	Outdoor Unit Heat Pump or Air Conditioning Unit	Indoor Unit Mini-Split Unit
	Control System	YES	YES
-10	Motors/Compressors	YES	YES
rin L	Valves/Solenoids	NO	
	User Interface		NO
((()))	Sensing	NO	NO

Power Versa-Lock Connectors

The Power Versa-Lock connector system is a high-performance, wire-to-wire power solution featuring perimeter and wire seals that deliver IP67 rated ingress protection against water and dust. These locking connectors offer enhanced reliability with four points of contact between tab and receptacle contacts and a mounting clip to reduce movement in high-vibration applications.



CAP HOUSINGS	CONTACTS	BACK COVERS	INTERFACE SEALS
6 Cap Housing, 2x3 Key A, GWT <u>1-2381596-6</u>	16-14 AWG Tin Plated, Brass Tab 2329910-1	3P Protective Cover, Red Back Cover 3P 2334614-3	3P Interface Seal, 1x3 2325347-3
6 Cap Housing Twist and lock, 2x3 Key A, GWT <u>1-2381608-6</u>	16-14 AWG Tin Plated, Copper Alloy Receptacle 2329913-1	1P Protective Cover, Red Back Cover 1P 2334614-1	1P Interface Seal, 1x1 2325347-1

Power Versa-Lock Connectors



POWER TRIPLE LOCK Connectors

The POWER TRIPLE LOCK connector system delivers consistent, reliable power and signal connections with multiple integrated locking features. The connector was designed to address a wide range of appliance industry concerns, including contact retention, incomplete mating, wire entanglement, and ergonomics.



CAP HOUSINGS	PLUG HOUSINGS	HEADERS	CONTACTS
10P Panel Mount Cap Housing, 2x5 Key A Natural <u>1-1971775-5</u>	10P Plug Housing, 2x5 Key A Natural <u>1-1971776-5</u>	3P Vertical Standard Temperature Header, 1x3 Key A Natural <u>1969688-3</u>	24-20 AWG Tin Plated Phospher Bronze Receptacle <u>1971785-1</u>
		4P Right Angle Standard Temperature Header, 1x3 Key A Natural 1969694-4	24-20 AWG Tin Plated Brass Tab 1971786-1

POWER TRIPLE LOCK Connectors



Universal MATE-N-LOK connectors

The Universal MATE-N-LOK connector system is an industry standard for achieving reliable, power connections while also maintaining design flexibility. The housings feature polarization, positive locking, and rear cavity identification for easy, error resistant assembly and they accept both pin and socket contacts.

Wire-to-Wire Wire-to-Board Wire-to-Panel Flame Flame Terminal Position IP Rated



Color and

Keying

MID POWER SIGNAL CONNECTORS

Presenting our mid power signal connect solutions, tailored for signal or low-power wire-to-wire or wire-to-board connections in HVAC and mid-power applications. These robust connectors provide high density within limited space, can withstand high vibrations and meet rigorous UL 94 VO and IEC glow wire test (GWT) requirements. They are commonly utilized for control systems, HVAC fan motors and compressors.



	Subsystems	Outdoor Unit Heat Pump or Air Conditioning Unit	Indoor Unit Mini-Split Unit
	Control System	YES	YES
-0 0	Motors/Compressors	YES	NO
r I	Valves/Solenoids	NO	
	User Interface		NO
(((O)))	Sensing	NO	NO

Economy Power Connectors

The Economy Power product line features wire-to-board connectors for compact power systems requiring a large current carrying capacity. The original Economy Power (EP) connectors are rated for 7.5A and 250VAC, while the more advanced Economy Power II (EP II) connectors support up to 11A and 600VAC on the same standard 3.96mm pitch design. The connection is secured with an audible locking latch and optional terminal position assurance (TPA) devices.



CAP HOUSINGS	HEADERS	CONTACTS	TERMINAL POSITION ASSURANCE (TPA)
7P Cap Housing, Economy Power 2.5, Panel Mount <u>1969590-7</u>	6P Plug Header Vertical 5.08mm centerline <u>1744037-6</u>	22-18 AWG Tin Plated Locking Lance Receptacle Contact <u>1123721-1</u>	7P TPA Locking Plate, Retainer, Black <u>1969443-7</u>
	6P Right Angle Header Plug, UL 94V-0, 5.08mm centerline <u>1744048-6</u>	26-22 AWG Tin Plated, Receptacle Contact 2110989-1	14P TPA Dual Row Retainer, Black <u>1-1969541-4</u>

Economy Power Connectors



Economy Power II Connectors

Economy Power II (EP II) connectors are based on the 3.96mm standard pitch but offer higher current and voltage rating than many comparable offerings. Recently added models include glow wire tested (GWT) materials and new discrete terminal position assurance (TPA) devices. These connectors can deliver power to your circuit board (PCB).





Power Double Lock Connectors

Power Double Lock connectors are soft shell connectors engineered with multiple locking mechanisms to provide secure connections in wire-to-wire, wire-to-board, and panel mount systems. These connectors are an excellent choice for applications exposed to vibration, including HVAC systems, washing machines, refrigerators, and motors. The key feature of the Power Double Lock connector is the double locking plate that help prevent partial mating of contacts.



CAP HOUSINGS	HEADERS	CONTACTS	TERMINAL POSITION ASSURANCE (TPA)
9P Cap Housing, 3.96mm centerline 177911-1	12P Vertical Header, 3.96mm centerline 179843-1	26-22 AWG, Tin Plated Receptacle Contact <u>177914-1</u>	3P TPA, Latching, Locking & Retention <u>177919-1</u>
PLUG HOUSINGS		20-16 AWG, Tin Plated Pin Contact	
9P Plug Housing, Natural <u>177903-1</u>		177915-1	

VAL-U-LOK Connectors

The VAL-U-LOK product line features 4.20mm pitch wire-to-wire, wire-to-board, and panel mount connectors developed to help achieve manufacturing savings without sacrificing performance. Standard connectors have a 9A maximum current rating intended for low power applications. For higher power systems, TE offers high current products supporting up to 13A. Optional terminal position assurance (TPA) available for simpler assembly. TE also offers VAL-U-LOK PLUS connectors with an integrated TPA.



CAP HOUSINGS **HEADERS** CONTACTS **TERMINAL POSITION ASSURANCE (TPA)** 4P TPA 7P Plug Housing, **8P Vertical Header** 26-22 AWG, Tin Natural Without Pegs, with Plated Socket Contact 1969608-4 2132781-7 Drain Holes, GW Receptacle 2238019-1 1586768-8 8P Right Angle Header, 26-22 AWG, Tin PLUG HOUSINGS Without Pegs UL Plated Pin Contact 94V-2 2238018-1 8P Plug Housing, 1586863-8 4.2mm Centerline 1969597-8

MTA 156 Connectors

Reduce labor, lower costs, and simplify assembly processes with TE's MTA connector system. MTA connectors support mass termination of wires, allowing for less labor-intensive assembly and a lower applied cost. These stackable wire-to-board and wire-to-wire connectors use insulation displacement contacts (IDC) that allow for wire termination without stripping or crimping.



PLU	PLUG CONNECTOR		HEADERS
	5P Connector Assembly, UL 94V-2, Wire-to-Board <u>3-640429-5</u>	and a	5P Vertical Header, Friction lock with tin plated square posts <u>640445-5</u>
		TTE	5P Right Angle, Friction lock, Front bend with tin plated square posts <u>640389-5</u>

Connector

GRACE INERTIA 6.5 Connectors

Connectors capable of withstanding glow wire testing and features an inertia locking mechanism.





GRACE INERTIA 2.5mm Connectors

GRACE INERTIA 2.5mm pitch connectors are designed to facilitate a more stable, durable, and easy-to-assemble connection. An inertia locking mechanism can help prevent defects caused by half mating. Optional terminal position assurance (TPA) devices help ensure contacts are seated in the housing and protect against contact back-out. Low insertion force (LIF) contacts with a lanceless design provide more ergonomic assembly and help prevent tangled wires, improving safety and efficiency during operation.







22-20 AWG Locking Lance Pin Contact 917764-1

LOW POWER SIGNAL CONNECTORS

Introducing our low power signal connectors, the excellent solution for HVAC systems requiring reliable wire-to-wire or wire-to-board connections for signal or low-power applications. Engineered for high density within limited space constraints, these connectors meet stringent UL 94 VO and IEC glow wire test (GWT) requirements, providing safety and reliability. Commonly utilized in various HVAC components such as sensors, data transmission, displays, user interfaces, and powering small motors and actuators, our connectors can offer dependable performance in critical applications.



	Subsystems	Outdoor Unit Heat Pump or Air Conditioning Unit	Indoor Unit Mini-Split Unit
	Control System	YES	YES
- () <u>(</u>)	Motors/Compressors	YES	YES
m Ľ	Valves/Solenoids	YES	
	User Interface		YES
((()))	Sensing	YES	YES

2.0mm Signal GRACE INERTIA Connectors

The compact 2.0mm Signal GRACE INERTIA connectors help improve manufacturing efficiency with features to prevent assembly errors and to support automated production. To reduce assembly errors, these connectors feature an inertia locking mechanism for reliability, an anti-snag latch to prevent breakage due to tangled wires, and color and keyed connector options to avoid mis-mating.





6P Plug Housing, 1

PLUG HOUSINGS

secure contacts in a mated position.

Signal GRACE INERTIA 1.5 Connectors

Row, Crimp Version, Natural 2382946-6



Wire-to-Board small pitch connector available in right angle and vertical. Available in single row,

vertical for dual row, and high locking strength. Inertial locking mechanism with low profile header assembly for single row or potting version for dual row. Terminal position assurance (TPA) devices to

6P PCB Mount Header Vertical. 1.5mm Centerline 2360547-6

HEADERS

24-28 AWG, Locking Lance Contact Retention. Tin Plated Receptacle 2371403-2

Wire-to-Wire

CONTACT

TERMINAL POSITION ASSURANCE (TPA)

ΤΡΑ

Terminal Position

Assurance



Flame

Resistance

6P TPA, Protective Cover, Black 2383410-6

Color and

Keying

IDC

Insulation

Displacement Connector

2.5mm Signal Double Lock Connectors

2.5mm pitch Signal Double Lock (SDL) connectors offer design flexibility to create compact, durable connections in low power and signal applications. The product line includes many optional features to protect against defects during manufacture and product end-use. These features include a double lock plate to provide complete mating during assembly, a high-profile header for use on printed circuit boards (PCB) with conformal coatings, and IP67 rated sealed connectors for reliable performance in high humidity and wet environments.

WTB WTP **WTW** TPA IP Rated Wire-to-Wire Wire-to-Pane Flame

WTB

Wire-to-Board

Wire-to-Board

Terminal Position Resistance Assurance

Color and Keving



Micro MATE-N-LOK Connectors

Micro MATE-N-LOK connectors contain a positive latching mechanism to help prevent unmating and have many optional features, including a choice of contact type, material flammability rating, and housing configuration. Pin and receptacle contacts are available with tin or gold plating. Housings and headers have multiple flammability options and low-profile versions (<4.7mm vertical height) for space limited designs. Printed circuit board (PCB) headers are offered in vertical or right-angle orientations with either surface or through hole board mounting.



CONTACTS

CAP HOUSINGS



8P Cap housing, UL 94V-0, Dual Row, Free Hanging, 3mm Centerline 794616-8



8P Plug Housing, Dual Row, 3mm Centerline <u>794617-8</u>

PLUG HOUSINGS



24-20 AWG Locking Lance contact Retention Receptacle, Snap-In <u>794606-1</u>



24-20 AWG, Pin Contact, Crimp Snap, Tin Plated 1-794608-0

Economy Power 2.5 Connectors

Compact Economy Power 2.5 connectors are designed for easy assembly of space limited low power and signal systems. The connectors feature polarization tabs to help prevent post misalignment, audible positive latching to provide complete mating, and low insertion force (LIF) contacts for ergonomic assembly. Additional EP 2.5 product options further simplify the assembly process, including packaging to support automated board assembly and terminal position assurance (TPA) devices to secure contacts in a mated position.



PLUG HOUSINGS



4P Plug Housing, Crimp, 1 Row, Mating Retention, Glow Wire, Natural 1744417-4



4P PCB Mount Header, Vertical, Fully shrouded, Through Hole - Solder <u>1744439-4</u>

HEADER

CONTACT



24-20 AWG Socket Contact, Tin Plated, Phosphor Bronze, Receptacle 1744423-1

TE CONNECTIVITY / APPLIANCES / HVAC VIRTUAL SAMPLE KIT

RAST CONNECTORS

RAST connectors are useful for high-volume assembly, particularly in HVAC systems, although an initial investment in tooling is required. Their standardized design allows interoperability among manufacturers adhering to the RAST standard, which can lead to seamless integration into HVAC equipment. Keying and polarization features help ensure error-proof connections, even with multiple connectors of the same size, enhancing reliability and safety in HVAC applications. With a comprehensive portfolio covering both signal and power connectors, RAST connectors provide versatility for various HVAC system components, facilitating efficient assembly and operation.



	Subsystems	Outdoor Unit Heat Pump or Air Conditioning Unit	Indoor Unit Mini-Split Unit
	Control System	YES	YES
-(<u>)</u>	Motors/Compressors	YES	YES
the second se	Valves/Solenoids	YES	
	User Interface		YES
((()))	Sensing	YES	YES

AMP DUOPLUG II Connector System

3-1534796-6

6P, Connector, 1 Row, 2.5mm

centerline. Wire-to-Board

Compact insulation displacement contact (IDC) termination offers a space-efficient alternative to RAST 5 connectors.



CONNECTOR SYSTEM



3P, PCB Locking Wire-To-Wire, Insulation Displacement, PA 6 GF, Fully Loaded <u>1-1740501-3</u>



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Monoplug 2.5 Connectors

Monoplug 2.5 connectors meeting RAST standards are insulation displacement contact (IDC) products engineered for easy assembly of complex wire-to-board systems. The connectors feature a through hole design that supports daisy chain, pass through or bus applications, while also eliminating the need for a separate cover.



Wire-to-Board Flame Resistance Insulation Displacement Connector

Connector

Keying

CONNECTOR SYSTEM



7P, Connector, 1 Row, 2.5mm centerline, Wire-to-Board, PA 66 GF 1-2232892-7

AMP DUOPLUG Power Connector System

AMP DUOPLUG power connectors are insulation displacement contact (IDC) connectors for safe, fast production of wire harnesses in printed circuit board (PCB) applications. The connectors meet the RAST 2.5 standard and include configurations for direct PCB edge mounting and indirect mounting with RAST 2.5 PCB headers. They feature a twisted contact that secures the connection with high contact force, while maintaining a low mating force.

CONNECTOR SYSTEM





5P, Connector, Wire-to-Board, Insulation displacement, 1 Row, PA 6, Fully Loaded 1534415-5



5P, Connector, PCB Wire-to-Board, Insulation displacement, 1 Row, PA 6, Fully Loaded 1740533-5

Monoplug Power Connectors

Compact connector system with a high current rating.

CONNECTOR SYSTEM



5P Connector, Wire-To-Board, Insulation Displacement, 1 Row 2325926-5



Positive Lock RAST 5 Connector System

These receptacles offer ergonomic assembly and secure connections due to a positive locking feature that allows for both low insertion force (LIF) and high retention force. The system mates with 6.35×0.81 mm tabs containing detent holes that engage the positive locking mechanism.



HOUSING



6P Receptacle Housing, Wire-To-Wire, 1 Row, RAST 5 IDC Connectors 521208-1



5P Receptacle Housing, 1 Row Wire-to-Wire, Mating Retention 521267-1



22-18 AWG, Socket Contact, 240 VAC/VDC, Crimp, Discrete Wire, Tin Plating 1217378-2

CONTACT



16-12 AWG, Socket Contact, 240 VAC/VDC, Tin Plating, Contact Base Material Brass 1217095-2

AMP Standard Timer Connector System

The AMP standard timer wire-to-board connector system includes crimp power timer contacts that mate with terminal housings and printed circuit board (PCB) headers designed according to RAST 5 standards. These end-to-end stackable connectors support high density PCB designs and high current applications – up to 16A.





AMP Multifitting Mark II Connectors

These printed circuit board (PCB) connectors were engineered to meet the requirements of advanced in-line mating technology and are available in both direct and indirect mating configurations. The connector system features a standard exterior locking device with optional interior locking versions available.



Insulation Displacement Connector



5P Connector, Polarization Mating Alignment, 10 AMP, Insulation displacement, Exterior locking 1534072-5



4P Connector, Polarization Mating Alignment, 10 AMP, Insulation displacement, Interior locking 1534077-4

CONNECTOR



4P Connector, Keyed Mating Alignment, 10 AMP, Insulation displacement, Exterior locking <u>1534073-4</u>

AMP MONO-SHAPE Connectors

AMP MONO-SHAPE products are insulation displacement contact (IDC) wire-to-board connectors meeting the RAST 5 standard. These 5mm pitch printed circuit board (PCB) connectors are engineered to offer design flexibility without requiring multiple application tooling solutions.





1P Connector Assembly, Receptacle, , Polarization Mating Alignment, Insulation Displacement 1-282086-7



4P Connector Assembly, Receptacle, Polarization Mating Alignment, Insulation Displacement <u>1-282004-1</u>

CONNECTOR



6P Connector Assembly, Insulation Displacement, Wire-to-Board, 220 VAC/VDC <u>1-282046-1</u>



7P Connector Assembly, Wire-To-Board, Insulation Displacement, LIF up 10A 293143-1

MAGNET WIRE SOLUTIONS

Our magnet wire solutions provide a convenient alternative to manual soldering or welding, eliminating the need to remove insulation. They're excellent for connecting magnet wire to magnet wire and/or stranded wire. In compressors, maintaining a seal between the motor and the external power supply is vital. Our electrical pass-through cluster block connector system helps ensure this seal, offering hermetic protection. Explore TE's solderless magnet wire solutions for enhanced performance in both internal and external connections to compressors.



	Subsystems	Outdoor Unit Heat Pump or Air Conditioning Unit	Indoor Unit Mini-Split Unit
	Control System	NO	NO
- () <u>(</u>)	Motors/Compressors	YES	YES
m Ľ	Valves/Solenoids	YES	
	User Interface		NO
((()))	Sensing	NO	NO

AMPLIVAR Terminals & Splices

AMPLIVAR terminals and splices are magnet wire connectors featuring crimp barrels with sharp edged serrations that pierce magnet wire insulation without wire stripping. This unique crimp results in a solderless and airtight connection without the contaminants, cold solder points, weld burns and wire embrittlement associated with thermal termination. Terminals are available in a variety of styles, including ring tongue and FASTON straight, flag or stator receptacles.





MAG-MATE Terminals

MAG-MATE terminals use insulation displacement contact technology for high-speed termination of copper or aluminum magnet wire without wire stripping, soldering or welding. The termination system includes the IDC terminal and a compatible plastic cavity that is either integrated into the coil body or part of a separate housing. MAG-MATE terminals are designed for fully or semi-automated assembly to provide uniform, gas-tight connections at low applied cost.



LEAF TERMINAL



Insulation Straight Displacement Orientation

Flag Magnet Wire Orientation

MAG-MATE TERMINAL



20-18 AWG, Poke-In, Twisted, Size 2, Tin Plated, Insulation Displacement 63658-1



18-14 AWG, Poke-In Tab, Flag, Crimp / Insulation Displacement <u>63458-1</u>

POKE-IN TAB

22-2 Term Insu 928

22-20 AWG, Leaf Terminal, Twisted, Insulation Displacement <u>928770-2</u>

LEAF TERMINAL



24-22 AWG solder Post, Size 2, Insulation Displacement, Dimple mating 63659-1

SIAMEZE Terminals

SIAMEZE insulation displacement contact terminals bring high-speed, solderless magnet wire termination to space constrained, small motor systems. The IDC terminal features a moving beam contact to fit a wide range of magnet wire sizes in a single terminal. SIAMEZE terminals can be applied with automated or manual assembly to achieve stable, gas-tight connections of either copper or aluminum magnet wire, without the need for pre-stripping.



TAB TERMINAL



34-18 AWG Tab .25 in Width, Straight, Insulation Displacement 1601002-2



34-18 AWG, Solder Post, 1.5mm Mating Tab, Insulation Displacement <u>2-1601063-2</u>

WIRE-TO-WIRE TERMINAL



20 AWG, Wire-To-Wire Terminal, Straight, Insulation Displacement <u>4-1601237-1</u>

Hermetic Cluster Block

Cluster blocks provide manufacturers of air conditioning and refrigeration products with a low-cost, fully insulated, electrical quick-connect to mate with hermetic compressor header pins. They feature high impact resistance to shock and abuse, and long-life performance in the presence of oils and refrigerants. Since the connectors accept pins from only one side, the danger of reversing polarity at the time of installation is minimized.



Low Insertion Flame Force Resistance Magnet Wire Multi-Position Housing

HOUSING





20-16 AWG, 3 Circuits, 2.3mm Cluster Block Housing 171370-3



22-10 AWG, 3 Circuits, 2.29mm Cluster Block Housing 880631-5



Receptacle Cluster Pin 0.19 dia <u>1599105-1</u>

	Subsystems	Outdoor Unit Heat Pump or Air Conditioning Unit	Indoor Unit Mini-Split Unit
	Control System	YES	YES
-0 0	Motors/Compressors	YES	YES
the second se	Valves/Solenoids	YES	
	User Interface		YES
((O))	Sensing	NO	YES

FASTON Terminals

These advantages have made our FASTON quick connects the industry leader in the appliance and automotive industries. The same advantages continue to attract more users. With over 60 years of experience providing quick connects to our customers, we constantly strive to introduce new and improved products to add to our quick connect family.



HOUSING	RECEPTACLE TERMINAL	TAB TERMINAL
1P Receptacle Housing, Straight, UL 94V-0 280232-6	22-18 AWG, Receptacle, Straight, F-Crimp, Open Barrel 42640-2	PCB Terminals, Tab, Mating Tab Width 0.25 in, Through Hole - Solder, Tin Plating 63824-1

QUICK CONNECTS

Quick connects provide efficient solutions for discrete wire-to-wire and wire-to-board connections in HVAC systems. With standardized tab and receptacle designs, they allow easy component replacement in the field using standard tools or none at all. These connectors are primarily utilized for power applications such as connections to motors, capacitors, and contactors, for reliable and convenient electrical connections in HVAC setups.



Ultra-Fast FASTON Receptacles and Tabs

Ultra-Fast fully insulated FASTON receptacles and tabs offer the advantage of a completely protected terminal and a closed barrel wire crimp with comparable electromechanical performance to open barrel "F" crimp FASTON terminals. The user-friendly design combines easy mating with rounded corners. The terminals are offered as straight receptacles, flag receptacles, and tabs.

WTW ()

Flame Color and

Keying

Resistance

Pre-Insulated

Crimp Straight Orientation

t Flag on Orientation

RECEPTACLE



22 - 18 AWG, Receptacle, F-Crimp, Straight, Brass <u>2-520183-2</u>



ТАВ

22 - 18 AWG, Tab, F-Crimp, Straight, Brass <u>2-520102-2</u>

Wire-to-Wire

Positive Lock Receptacles and Housings

Positive Lock terminals and housings are differentiated by their low insertion force (LIF) locking receptacles that offer easy assembly and reliable tab mating. The Positive Lock receptacle achieves high retention force while maintaining LIF by securely locking onto a hole in the mating tab. They provide the assembler with an audible and mechanical "snap" when the terminal is correctly seated, enabling proper assembly - even in hard-to-reach places.



RECEPTACLE



22-18 AWG, Receptacle, Straight, Brass, 0.25 in mating tab width <u>170327-1</u>



1P, Crimp Terminal Housing, Straight, UL 94V-2, Contact Mating Retention 172076-1

HOUSING

Ultra-Pod FASTON Pre-Insulated Terminals

Ultra-Pod pre-insulated FASTON terminals offer efficient one-step application of fully insulated wire-to-wire connections. The integrated plastic carrier can eliminate secondary insulation operations and is compatible with both bench and high-speed automatic termination equipment. The insulation protects the terminals against shock and short hazards and is rated for up to 600V. The terminals feature a low insertion force (LIF) design that provides easier tab insertion, reduces operator fatigue, and improves assembly efficiency. The insulation and contacts for Ultra-Pod terminals are available in a variety of materials to meet application specific safety and electrical requirements.



RECEPTACLE



22-18 AWG, Receptacle, Straight, Brass, Mating tab width 0.11 in 521436-2



22-18 AWG, Receptacle, Flag, Brass, Mating tab width 0.25 in 521411-2

Open Barrel Ring Tongue

The open barrel ring tongue terminal is a versatile grounding solution designed for secure connections. It features terminal blocks with 2D/F crimp for enhanced conductivity and anti-rotational features ensuring stable connections. With stud-retaining capability, it offers added stability for various applications, providing a reliable grounding solution for your needs.





18-14 AWG, Open barrel, straight, tin, Uninsulated, Stud Size 8 41332

RING TONGUE TERMINAL



10-6 AWG, Open barrel, straight, tin, Uninsulated, Stud Size 10 <u>61352-1</u>



18-14 AWG, Open barrel, straight, tin, uninsulated, Stud Size 10, Anti-rotational 61795-1

www.te.com

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TE, TE Connectivity, Power Versa-Lock, POWER TRIPLE LOCK, MATE-N-LOK, VAL-U-LOK, MTA, GRACE INERTIA, AMP DUOPLUG, Positive Lock, AMP, AMP MONO-SHAPE, AMPLIVAR, FASTON, MAG-MATE, SIAMEZE and TE connectivity (logo) are trademarks owned or licensed by the TE Connectivity tand for company is erformed to herein might be trademarks of their respective owners. While TE Connectivity has made every reasonable effort to ensure the accuracy of the information in this document. TE Connectivity expressly disclaims any liability make any other representation, warranty, or guarantee that it information is accurate, created that information is accurate, created that any time with representation, warranty, or guarantee that the information is accurate, created the accuracy of the information is accurate, created the concert, reliable or current. TE Connectivity expressly disclaims any liability and all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. TE Connectivity's obligations shall only be as set forth in TE Connectivity's tandard Terms and Conditions of Sale for this product and in no case will TE Connectivity be liable for any incidental, indirect or consequential damages arising out of the sale, resale, use or misuse of the product. Users of TE Connectivity products should make their own evaluation to determine the suitability of each such product for the specific application.