



Airbag / SRS Connector China / Asia

Amphenol connected the first airbag back in the late 1970s. Since that time Amphenol is a leading supplier of innovative airbag connectors including EMI filter and ESD solution. All major interfaces and variants are available within Amphenol.



Airbag / SRS Connector Europe & North America

The Airbag connectors are available with various codings. The latest generation of the airbag connector is the ABX-5. The integrated ground connection and the integrated Poka Yoke principle for each coding, ensure the best possible safety.



Alternate to Cadmium Platings

Multiple options for alternate-to-cadmium platings, including Durmalon, Black Zinc Nickel, and the new AP-93 1000-hour salt spray approved plating. Amphenol uses the RoHS requirements and the latest revisions to the MIL-DTL-38999 specification to develop these platings.



Amphe-HST

This family of heat shrink tubing with options that are chemical and solvent resistant, irradiated or cross-linked materials, unlined, and adhesive lined. With 2:1 to 6:1 shrink ratios and a wide temperature range.



AmpheSEAL High Pressure

The AmpheSEAL connectors provide sealing between the plug and receptacle interfaces and have been tested to withstand pressure to at least 300 PSI. Not intermateable with standard products. Must use AmpheSEAL on both sides of the mated pair.



AP-93 Plating

AP-93 is a conductive REACH/RoHS compliant finish that outperforms Cadmium. AP-93 exceeds Olive-Drab Cadmium plating by meeting 1000 hours of dynamic salt spray, 500 mating cycles, and meets the millivolt drop shell-to-shell conductivity of nickel (Class F). AP-93 meets a 200° C temperature rating, is compatible with other platings, and is available on all D38999-style Series III connectors.



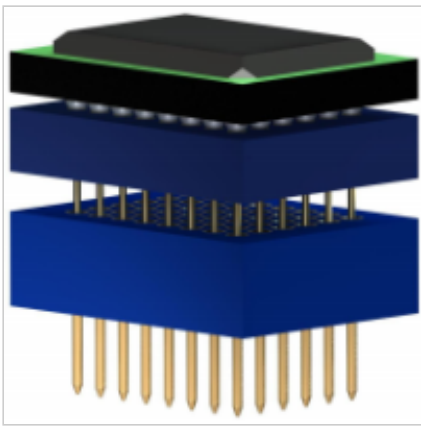
Automotive Electrical Connectors

The connector housings for accommodating flat contacts of various sizes are used for the electrical connection between the wiring harness and the various units in the car. There are 1- to 14-pole versions in sealed or unsealed design.



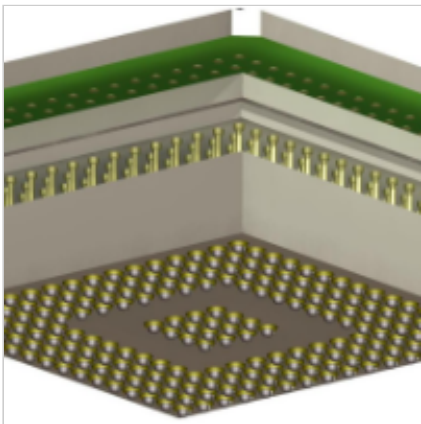
Automotive LV Connector China / Asia

Automotive multi pole harness connectors - sealed and unsealed for low voltage applications. 1 pin to 43 pin connector including TPA, CPA, Seal, for all major terminal systems. Flat terminal size range from 0.5 / 0.64 / 1.2 / 1.5 / 2.8 / 4.8 / 6.3 / 9.5 mm.



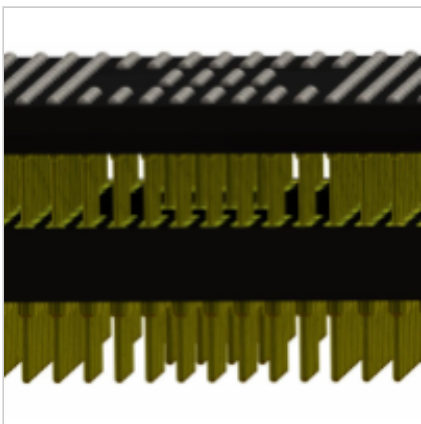
Ball & Land Grid Array Socket System for 0.0315 [.80mm] Adapters

BGA sockets; which are high density and have superior electrical performance: Thermal Performance: Operating Temperature Range: -55 to 140C; Glass Transition Temperature Range: 150 to 200C; Electrical Performance: Maximum Voltage: 75 VAC / 100 VDC; Maximum Current: 1 Amperes per contact Contact Resistance: Dry Circuit: .01ΩMax. @ .01 Amps/5VDC Insulation Resistance, @ 500VDC: 10,000 MOhms Min.



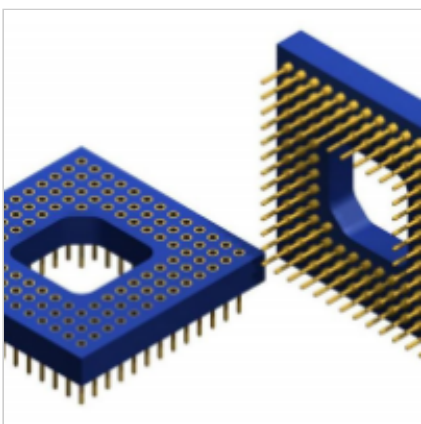
Ball & Land Grid Array Socket System for 0.0394 [1.0mm] Adapters

BGA sockets; which are high density and have superior electrical performance: Thermal Performance: Operating Temperature Range: -55 to 140C; Glass Transition Temperature Range: 150 to 200C; Electrical Performance: Maximum Voltage: 75 VAC / 100 VDC; Maximum Current: 1 Amperes per contact Contact Resistance: Dry Circuit: .01ΩMax. @ .01 Amps/5VDC Insulation Resistance, @ 500VDC: 10,000 MOhms Min.



Ball & Land Grid Array Socket System for 0.050 [1.27mm] Adapters

BGA sockets; which are high density and have superior electrical performance: Thermal Performance: Operating Temperature Range: -55 to 140C; Glass Transition Temperature Range: 150 to 200C; Electrical Performance: Maximum Voltage: 75 VAC / 100 VDC; Maximum Current: 1 Amperes per contact Contact Resistance: Dry Circuit: .01ΩMax. @ .01 Amps/5VDC Insulation Resistance, @ 500VDC: 10,000 MOhms Min.



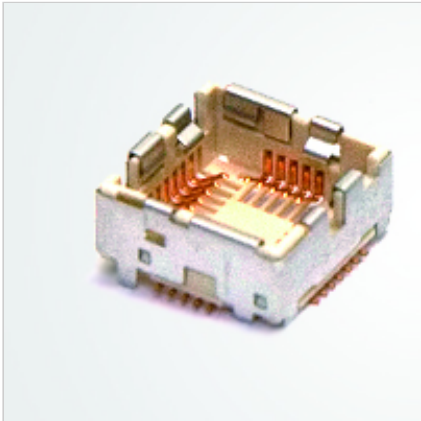
Ball & Land Grid Array Socket System for .8mm, 1mm, 1.27mm, and 2.54mm Adapters

BGA sockets; which are high density and have superior electrical performance: Thermal Performance: Operating Temperature Range: -55 to 140C; Glass Transition Temperature Range: 150 to 200C; Electrical Performance: Maximum Voltage: 75 VAC / 100 VDC; Maximum Current: 1 Amperes per contact Contact Resistance: Dry Circuit: .01ΩMax. @ .01 Amps/5VDC Insulation Resistance, @ 500VDC: 10,000 MOhms Min.



Cable Glands

This series of commercial cable glands with Metric and PG threads, IP65, IP67, and IP68 rated, Nylon or Nickel plated brass, threaded termination. With PG entry threads ranging from PG7 through PG48, Metric threads range from M12 x 1.5 through M64 x 7 and a standard operating temperature from -20°C to +105°C.



Camera Sockets

Amphenol provides 20 & 24 contacts camera module sockets for mounting on PCBs allowing mobile camera installation without any additional devices or processes.



Card Readers

Amphenol has developed an extensive range of SIM and micro SD card readers which come in several different configurations including Simlocks, wing and bridge blocks, standard sim and SD blocks, with options of shielding protection, integrated detect switch, float, or SMT mounting.



CONEC ATM connectors

Whether tractors, excavators or construction machines, the segment IVC (Industrial Vehicles and Construction Machines) places high demands on the connectors used. The CONEC ATM connectors are assembled in-house and overmolded and thus provides optimal protection against external influences in harsh environments. Degree of protection: IP67



CONEC CPC Connector Series

In addition to agricultural and automotive engineering, CPC connectors are frequently used in control cabinets, robotics, injection molding machines, and machine tools. This design is a robust connector which, in contrast to the previous agricultural connectors in the CONEC product range, has a threaded connection with positive detent and is smaller in size than, for example, an Isobus connector.



CONEC DT and VSS Superseal Series

Whether tractors, excavators, or construction machines, the segment IVCN (Industrial Vehicles and Construction Machines) places high demands on the connectors used. The CONEC series of overmolded DT valve connectors are assembled in-house and overmolded and thus provide optimal protection against external influences in harsh environments. Degree of protection: IP67/IP69K.



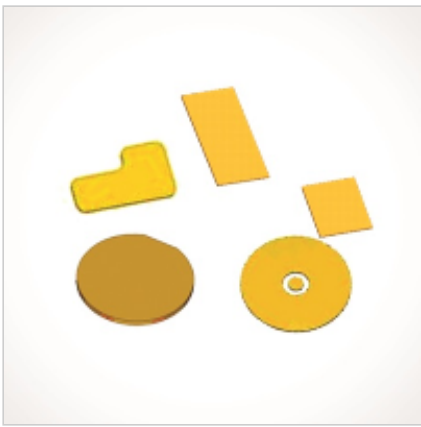
CONEC IP67 RJ45 series Cat5e & Cat6A

The connector series is designed for Industrial Ethernet wiring with protection degree IP67 and the bayonet locking allows fast, simple and robust connection in harsh environments. The broad portfolio includes connectors in plastic, metalized plastic or full metal.



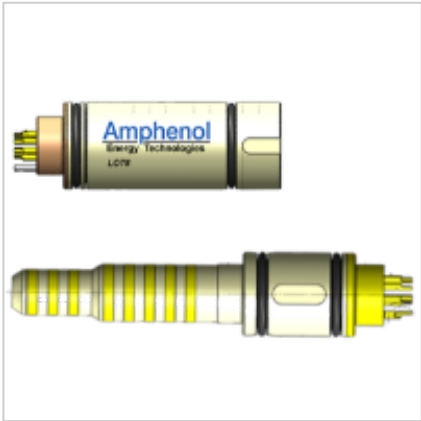
CONEC ISOBUS Series

With increasing demands on efficiency in agriculture, precision farming is becoming more and more important. Precision farming is the targeted management of utilized agricultural land. To ensure the necessary communication between tractors, equipment, and agricultural management software, the non-proprietary ISOBUS is used.



Contact Pads

Amphenol's contact pads are used in contact areas and as spacers on PCBs. Durable plating includes a diffusion barrier. The contact pads connect with low resistance over the product's lifetime for use in sensitive connections of antennas, microphones, and carbon PCBs. They are available in a wide variety of shapes and sizes. Thickness: scalable ≥ 0.1 mm.



DHR Downhole Rotatable

DHR (Down-hole Rotatable) is made from high-temperature material (200°C operations) with gold-plated BeCu contact bands. Our process enables the creation of 1-piece contacts, from the ring- through the back end. 4, 8, and 10 Contacts available. These solid connectors have eliminated solder and laser-weld failure points within the connector, and have increased the strength and life.



D-Sub High Density Connectors

The I/O connection system has been a common interface to electronic applications for a long time. These products are applied to nearly all markets & applications, from industrial control to telecommunications. ALTW D-Sub connectors are developed in 5 different standard housing fit for standard/high-density pin contact & sealed for ingress protection up to IP68.



DVI Connectors

Amphenol LTW DVI Connectors feature a 1.5A current rating, a $\leq 20\text{m}\Omega$ contact resistance, and a $\geq 1000\text{M}\Omega$ @ 500VDC insulation resistance rating. These DVI Connectors have a copper alloy, gold-plated contacts, and steel, nickel-plated shell.



EMI Gasket Bulkhead Connectors and Adapters

SV Microwave has just released a series of SMA and 2.92mm cable connectors and adapters with built-in electromagnetic interference (EMI) shielding. These interconnects feature a gasket that improves EMI shielding over similar products, resulting in minimal to no electromagnetic interference.



Ethernet Military Switch RESMLAC-28MG

The RESMLAC -28MG is a MIL-STD Fully managed Military-grade network switch offering 24 triple-speed (10/100/1000) ports + 4 x 10G fiber ports. The RESMLAC -28MG is compatible with all the newest military industry network protocols for redundant link topology, security, multicast, and management requirements.



Ethernet Military Switch RESMLAC-8MG-CAPS

Amphenol's RESMLAC -8MG-CAPS is a MIL-STD fully managed Military-grade network switch offering 8 triple-speed (10/100/1000) ports. Developed for military and harsh environment applications, the RESMLAC -8MG-CAPS features mechanical packaging enhancements designed for MIL-STD-810F airborne and ground environmental compliance and high reliability.



Ethernet Military Switch RESMLAC-8MG-CAPS F35

Amphenol's RESMLAC 8MG CAPS F35 is a MIL-STD fully managed Military-grade network switch offering 8 triple-speed (10/100/1000) ports. Developed for military and harsh avionic applications, the RESMLAC 8MG CAPS F35 features mechanical packaging enhancements designed for MIL-STD-810F airborne and ground environmental compliance and high reliability.



Ethernet Military Switch RESMLAC-8US-CAPS

Amphenol’s RESMLAC -8US-CAPS is a MIL-STD rugged, unmanaged-military-grade Ethernet switch, offering 8 Fast Ethernet 10/100 Ports. Developed for military and harsh environment applications, the RESMLAC -8US-CAPS features mechanical packaging enhancements designed for MIL-STD-810F airborne and ground environmental compliance and high reliability.



Ethernet Military Switch RES-SCE-12MG

Designed for harsh environments, our Rugged Ethernet Switches give you the assurance of continuous and secure data transmission between all your communication equipment.



Ethernet Military Switch RES-SCE-8MG

Amphenol’s RES-SCE-8MG is a MIL-STD rugged, managed-military-grade Ethernet switch, offering 8 Gigabit Ethernet 10/100/1000 Ports. The portable rugged Ethernet switch is intended for unmanned vehicles or man packable command posts.



Ethernet Military Switch RES-SCE-AC-8US

Amphenol’s RES-SCE-AC -8US is a MIL-STD rugged, unmanaged-military-grade Ethernet switch, offering 8 Fast Ethernet 10/100 Ports. The portable rugged Ethernet switch is intended for unmanned vehicles or man packable command posts.



Ethernet Military Switch RJSMML-8US1/8UG1

Amphenol offers an unmanaged Ethernet switch with 8-gigabit ports RJSMML-8UG1. The switch can withstand a variety of extreme conditions. Whatever the situation - high temperatures, extreme shocks & vibrations, dust particles, or even liquid immersion- there is a solution available.



Ethernet Military Switch RJSMMLAC-8MG-CAPS

Amphenol’s RJSMMLAC -8MG-CAPS is a MIL-STD Fully managed Military-grade network switch offering 8 triple-speed (10/100/1000) ports. Ethernet connectors are RJFTV, using RJField patented system that allows easy and quick assembly of any standard RJ45 cordset without any tool.



Ethernet Military Switch RJSMMLAC-8UG-CAPS

Amphenol’s RESMLAC -8UG-CAPS is a MIL-STD rugged, unmanaged-military-grade Ethernet switch, offering 8 triple-speed Ethernet (10/100 /1000) ports. Ethernet connectors are RJFTV, using RJField patented system that allows easy and quick assembly of any standard RJ45 cordset without any tool.



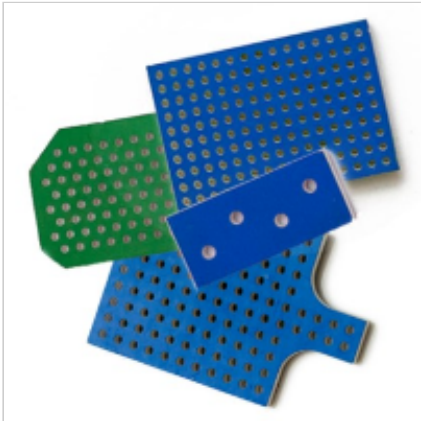
Ethernet Military Switch RJSMML-MG-7F3G

Amphenol offers a 10-port managed Ethernet switch RJSMML-MG-7F3G. The switch can withstand a variety of extreme conditions: whatever the situation - high temperatures, extreme shocks and vibrations, dust particles, or even liquid immersion there is a solution available.



EX Hermetic

EX HAZLOC certified Hermetic connector for Equipment holding pressure from the back thanks to the glass to metal technology. ATEX, IECEx, and EAC certified for Zones 1,2,21, and 21. II 2G Ex db IIC T6/T5/T4 Gb. II 2D Ex tb IIIC T85°C/T95°C/T135°C Db IP66/68. Ta = -60 °C to +55 °C. Capable of handling extreme pressure up to 200 Bars.



Filtered Connectors

EMI and EMP filters can be implemented into all Amphenol Canada connectors. Planar capacitors and diodes can provide the protection that your sensitive electronics require. Filtering can be on lines or select lines. Arinc 600, 404, & M83527 = 485 series. M83733 = 458 series M24308 = 308 series or FD308 series M83513 = M13 series



FLA Series Dimming Receptacle - ANSI C136-41

FLA Series Dimming Receptacle - ANSI C136-41 is designed with power and dimming/signal contacts to provide a connection between dimmable photocell and the luminaire for commercial and utility lighting. The locking-type receptacles are compliant with ANSI C136-10. FLA Dimming Receptacle comes with UL94V-0 high-temperature resistant housing and is rated up to 15A per power contact.



FLB Series Bases and Domes

The FLB series base assembly provides a platform for a customer-supplied PCBA providing photocell or other control functionality. The FLB base mates with the FLA series receptacle and utilizes twist-lock technology to provide a secure, integrated power and signal interface solution for use in roadway and area lighting applications.



FLH Series Mini Sealed 2.50mm Pitch Connectors

FLH Series Mini Sealed 2.50mm pitch connectors provide a wire-to-wire IP67 sealing in mated conditions. Its waterproof characteristics make it ideal for applications in harsh environments. These connectors can generally be used in industrial, lighting appliances, HVAC, and smart homes. The compact design of the FLH series is suitable for space-saving applications.



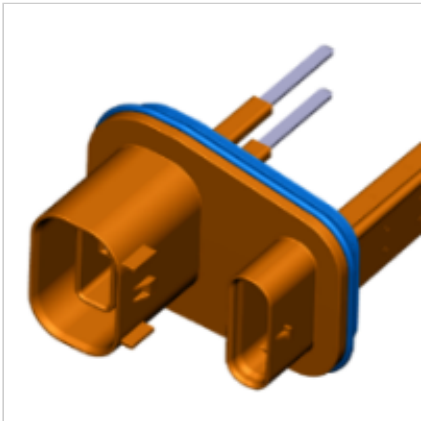
Griplet® Miniature IDC Connector

RELIABLE CONNECTION AND EASE OF INSTALLATION FOR WIRE-TO-BOARD TERMINATIONS FCI Basics Griplet® Miniature IDC Connector offers a robust solution for miniature IDC wire-to-board connections. Its low profile and compact design make Griplet® an ideal connector where space is tight and ease of installation is important.



HDMI Connectors

Amphenol LTW creates high-quality waterproof HDMI cables for today's high-definition media. Our HDMI family product offering is customizable to fit customer-specific configurations.



Hybrid Connectors

For certain applications on auxiliary units, we offer combined power and signal interfaces in one component. This combination reduces the assembly and sealing effort and thus saves space, costs, and time.



KTK Downhole

KTK offer high pressure and high temperature sealed connections standard in the downhole industry thanks to the capability of working at 200°C and 20,000 PSI.



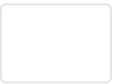
LED Light Guide

Amphenol LTW's LED Indicator series are built in metal/plastic shell with up to 6 different LED colors. With IP67 ingress protection, it is your ideal indicator choice for outdoor applications.



Lighting Connectors

The axial and clip-on connectors of Cemm Thome are in headlamps and lift gates in the automotive industry with high quality designed to meet market needs. • H8, H9, H11, H1R2, HB4 and HB3



Other Connectors



Lighting Connectors

Customized Lighting Connectors, Sealed Lampholders, Bulb Sockets Automotive



Lighting Connectors China / Asia

Docharm head lamp connectors. We have excellent design, high-quality product output, to meet customer needs. • H9, HB3 • Customizable design



LV Connectors

LV connectors are used to transmit any type of low voltage signal to control e.g. auxiliary units like heaters or climate compressors.



Media Converter RES-GMC - Expanded Beam Technology

Amphenol’s RES-GMC is a MIL-STD rugged, unmanaged-military-grade security gateway, offering up to 2 Gigabit security gateways per device for unidirectional and data diodes solution for total isolation between two networks with different security classifications. The unit supports PoE on 2 ports (IEEE802.3af and IEEE802.3at).



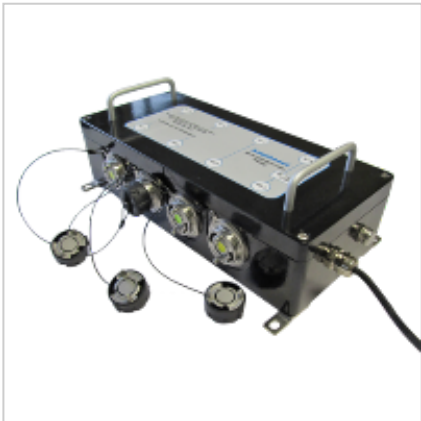
Media Converter RES-GMC-with Butt Joint Fiber Connector

Amphenol’s RES-GMC is a MIL-STD rugged, unmanaged-military-grade security gateway, offering up to 2 Gigabit security gateways per device for unidirectional and data diodes solution for total isolation between two networks with different security classifications. The unit supports PoE on 2 ports (IEEE802.3af and IEEE802.3at).



Media Converter RJS-BKN-2UG with Butt Joint Fiber Connector

With industrial EMI compliancy



Media Converter RJS-GMC with Expanded Beam Technology

Amphenol’s RJS-GMC is a rugged, military-grade Ethernet media converter. Developed for military and harsh environment applications, the RJS-GMC features mechanical packaging enhancements designed for MIL-STD-810F ground environmental compliance and high reliability.



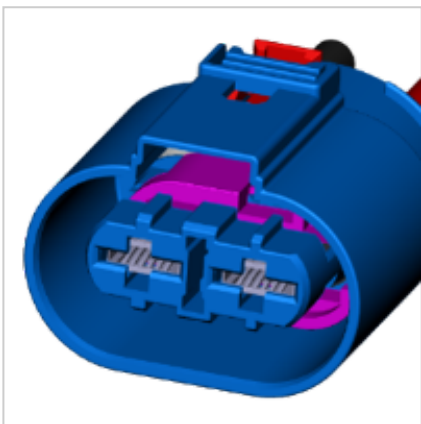
Medlock HD

MedLock™| HD is a high-density 62 Contact, push-pull interconnect system designed for electro-surgical catheter applications for both reusable and disposable markets. It's reliable, high strength, auto-latch feature allows the interconnect to couple intuitively & effortlessly for critical surgical applications. The Medlock HD connector is designed specifically for longevity, feel, and quality.



Miniaturized Connectors

Reduced Space Connectors for Automotive Applications



Plug Connectors

Safe electrical connections are the alpha and omega of reliably functioning vehicles. Our large assortment offers various contact housings for different current and voltage ranges with a variable number of poles. The connectors are sealed or unsealed or shielded or unshielded as required. We are also happy to develop customer-specific solutions - contact us!



Protective Vent

Amphenol LTW's Vent series is engineered to +B29 equalize the pressure inside/outside the sealed enclosure and prevent heat dissipation of electronic components from shortening devices service life and affecting components performances. Building with hydrophobic/oleophobic membranes & meet IP68/IP69K ingress protection.



Reflow Stable PCB Connectors

SV Microwave now offers a line of PCB connectors that feature an epoxy-based dielectric that keeps the connector dimensionally stable and flush to the board during the reflow process. Available in SMP, SMPM, and SMPS series.



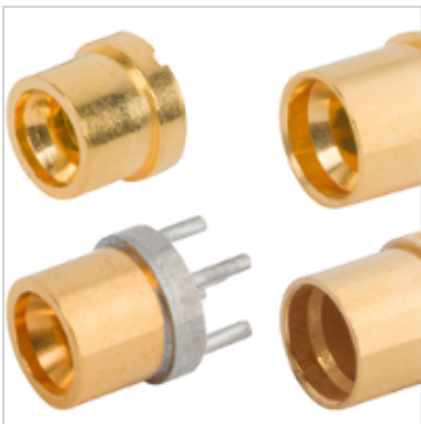
RJ45 Connectors

Amphenol LTW's RJ45 series connectors meet the Ethernet/IP RJ45 requirements and standards. Support Cat5e & Cat6a data transmission speed & IP67 waterproof rating, our RJ45 connectors are suitable for industrial Ethernet applications.



Sealed Connectors

Competitive Cost Sealed Connectors to Automotive Sensors and Switches



SMP and SMPM PCB Connectors

SV has just released a new line of high-density thru-hole and surface mount connectors. These connectors are ideal for high frequency printed circuit board applications where precision is key. Current configurations include male interfaces in the SMP and SMPM series. Take your system to the next level!



Solar Connectors

For modern society and industry, energy supply is a key element. A high-performance, reliable connection technology is required. Our solar connectors are ideally suited for connecting solar cables, connection to photovoltaic panels, and for connection to solar inverters.



Spring Loaded Connectors

Amphenol offers a wide product range of spring loaded connectors. These connectors have a large working range and high contact force allowing safe data transmission. They are widely used in wearable applications and can also be fitted in various customized connecting solutions.



SSL Solution Connectors (Smart Solution in Lighting)

Amphenol LTW's SSL (Smart Solution in Lighting) series is a waterproof and non-waterproof connector series developed for LED lighting and non-lighting applications. Its low profile design aims at minimizing and eliminating the field wiring and reducing labor time as well as facilitating any maintenance job.



Threaded SMPM PCB Connectors

SV Microwave has expanded its popular line of threaded SMPM connectors to include even more PCB connector variations. These connectors feature a standard SMPM RF interface with the addition of a threaded coupling nut to ensure low mating and de-mating force. These threaded SMPM connectors are ideal for high vibration environments while still maintaining superior performance.



Transmission Interface and Gearbox Harness China / Asia

Interconnect solution and electrical interface for transmission including automatic gearbox, dual-clutch and semi-automatic transmissions. Hybrid connection with multiple power and signal applications. Oil and water-tight solutions.



VITA 67.3 Aluminum Connectors

SV Microwave’s VITA product line is the latest addition to RF / coaxial section of the VPX platform. This newly expanded product line now offers our standard VITA 67.3 in a lighter material - aluminum. Available in SMPM and SMPS series. SV Microwave is an associate member of The Open Group and an active participant of the SOSA Electro-mechanical hardware group.



ZConnect Low-Profile LV214-Compliant Connectors

Amphenol LTW ZConnect® LV214-Compliant Connectors are low-profile connectors (8mm maximum mated height) for space-saving. ZConnect Connectors are robust enough to meet the automotive requirements of LV214 (VW75174). The series ranges from 8 to 40 contacts at 1A up to 120VDC with 0.9mm / 1.8mm / 2.7mm pitch. The connectors include mated and unmated versions and an IPx67 option.



Zhaga Book 18 Compliant FLS Series

OUTDOOR LIGHTING RECEPTACLES, BASES, AND DOMES The FLS Series products are compliant with Zhaga Book 18. The FLS Receptacle is designed with 4 contacts for Power, DALI, and Digital I/O, and mounts on a Luminaire. The mating FLS Base /Extension Module and Dome together form the housing for a Photocell/Sensor Module assembly.



Zhaga Book 20 Compliant FLM Series

The FLM Series products are compliant with the Zhaga Book 20. Zhaga Book 20 specifies 2 position connectors identified as Luminaire Extension Module Receptacles (LEX-MR) and Luminaire Plugs (LEX-LP), used for DALI-2 (Digital Addressable Lighting Interface) applications. DALI-2 is a smart interface protocol between indoor luminaires and sensors and communication modules.

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
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Коломна (4966)23-41-49
Кострома (4942)77-07-48
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Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47

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Севастополь (8692)22-31-93
Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35

Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
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