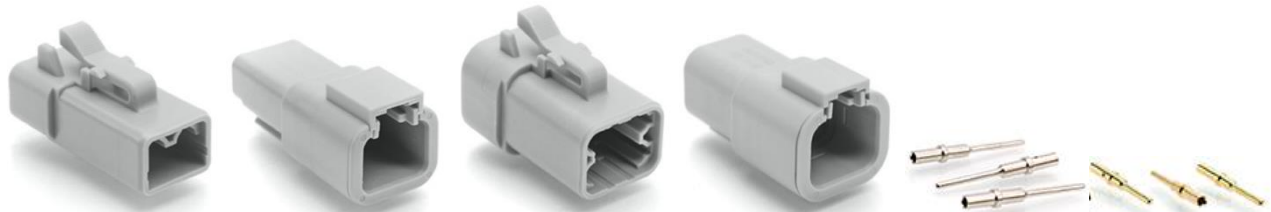




Now you're connected!

ATP Series™ PRODUCT SHORTFORM

Amphenol Australia Pty Ltd



ATP Series

ATP Series™ connectors are designed as a high-performance, cost-effective, thermoplastic solution to be used within the Marine, Heavy Equipment, Agricultural, Automotive, Alternative Energy fields, as well as other demanding interconnect applications. Available in 2 and 4 position options, the ATP Series™ Connectors contain superior environmental seals, seal retention capabilities and are designed for use with 10-14AWG with size 12 contacts handling up to 25A.

ATP Series™ connectors are compatible with other existing standard products industry-wide.

FEATURES & BENEFITS

Current Capacity	Size 12, 25A (max)
Wire Range	Size 12 contacts will accept wire ranges of 12 thru 14AWG
Temperature	Operating temperature range: -55°C to +125°C at rated current
Dielectric Withstanding Voltage	Current leak less than 2 milliamps at 1500 VAC.
Physical Shock	No unlocking, unmating or other unsatisfactory results during or after 50 G's in each of three usually perpendicular planes. No electrical discontinuities longer than 1 microsecond. MIL-STD 202. Method 213, Condition "C".
Vibration	Maintains continuity and exhibits no mechanical or physical damage after vibration levels of 20 G's at 10-2000 Hz
Insulation Resistance	1000 megohms minimum at 25°C
Corrosion Resistance	Connectors show no evidence of corrosion after exposure to 48 hours of salt spray per MIL – STD 1344, method 1001.
Submersion	IP67. Wired and mated connection will withstand immersion under three feet of water without loss of electronics qualities or leakage.
Fluid Resistance	Connectors show no damage when exposed to most fluids used in Industrial applications.
Contact Retention (Contacts Minimum Load)	70lbs. for Size 12 contacts.
Thermal Cycle	No cracking, chipping or leaking after 20 test cycles from -55°C to +125°C.
Durability	No electrical or mechanical defects after 100 cycles of engagement and disengagement.

PRODUCT MATERIAL

Housings	Thermoplastic
Seals	Silicone Elastomer
Secondary Locks	Thermoplastic
Contacts	Pins & Sockets: Copper Alloy, Finish: Nickel Plated, Gold optional

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PRODUCT FIGURE	DESCRIPTION	PART NUMBER	PRODUCT FIGURE	DESCRIPTION	PART NUMBER
	2-Way PLUG, SKT contacts	ATP06-2S		2-Way Wedgelock (for) PLUG	AWP-2S
	2-Way RECP, PIN contacts	ATP04-2P		2-Way Wedgelock (for) RECP	AWP-2P
	4-Way PLUG, SKT contacts	ATP06-4S		4-Way Wedgelock (for) PLUG	AWP-4S
	4-Way RECP, PIN contacts	ATP04-4P		4-Way Wedgelock (for) RECP	AWP-4P
	A114017 Seal Plugs, White		ATRT-100 Used for removal of contacts & wedges for the AT Series™ products		AT60-204-12141 Solid Male Contact – PIN, Nickel-plated, Size 12, 12-14AWG
	AT60-220-1231 Solid Male Contact – PIN, Gold-plated, Size 12, 12-14AWG		AT62-203-12141 Solid Female Contact – SKT, Nickel-plated, Size 12, 12-14AWG		AT62-210-1231 Solid Female Contact – SKT, Gold-plated, Size 12, 12-14AWG