

AMPHENOL AT Series™ Connectors

Amphenol®

RoHS Compliant This page of product is compliant.

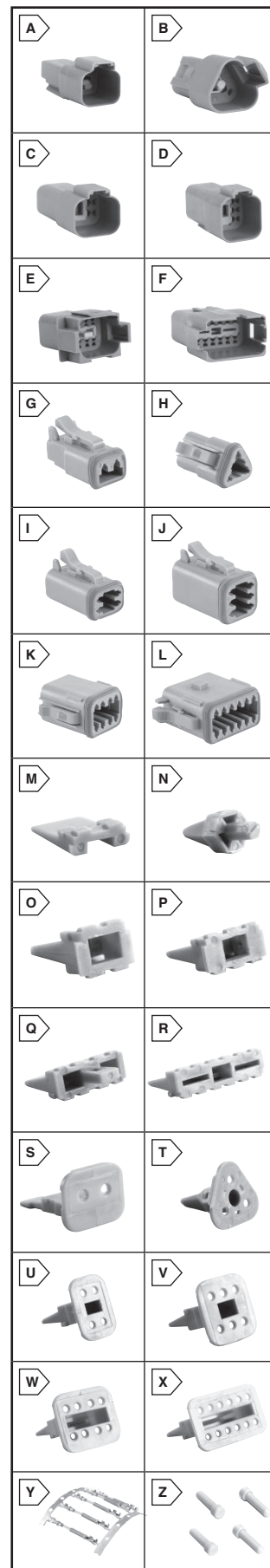
AT SERIES™

Amphenol's AT Series™ connectors were designed as a high-performance, cost-effective solution to be used within the Heavy Equipment, Agricultural, Automotive, Military, Alternative Energy, and other demanding interconnect architectures. All of the AT Series® connectors have been developed to be completely compatible with all other existing standard products industry-wide.

Features:

- Housings are a thermoplastic material that is durable and has excellent UV resistance, dielectric/mechanical properties
- sealing system is comprised of a front and rear silicone, multi-sealing, perimeter against environmental ingress

MOUSER STOCK NO.	Amphenol Part No.	Fig.	Description	Price Each			
				1	100	500	1000
Receptacles							
654-AT04-2P	AT04-2P	A	2 Position	.54	.40	.38	.27
654-AT04-2P-EC01	AT04-2P-EC01	A	2 Position, End Cap	.80	.60	.57	.42
654-AT04-2P-RD01	AT04-2P-RD01	A	2 Position, Reduced Diameter Seal	.70	.63	.60	.50
654-AT04-2P-MM01	AT04-2P-MM01	A	2 Position, Reduced Diameter Seal, End Cap	1.04	.94	.90	.74
654-AT04-3P	AT04-3P	B	3 Position	.64	.49	.46	.34
654-AT04-3P-EC01	AT04-3P-EC01	B	3 Position with End Cap	.99	.75	.71	.63
654-AT04-3P-RD01	AT04-3P-RD01	B	3 Position, Reduced Diameter Seal	.92	.80	.77	.618
654-AT04-3P-MM01	AT04-3P-MM01	B	3 Position, Reduced Diameter Seal with End Cap	1.35	1.17	1.12	.89
654-AT04-4P	AT04-4P	C	4 Position	1.42	.841	.673	.598
654-AT04-4P-EC01	AT04-4P-EC01	C	4 Position with End Cap	1.13	.88	.80	.73
654-AT04-4P-RD01	AT04-4P-RD01	C	4 Position, Reduced Diameter Seal	1.19	1.04	.98	.79
654-AT04-4P-MM01	AT04-4P-MM01	C	4 Position, Reduced Diameter Seal with End Cap	1.67	1.45	1.39	1.12
654-AT04-6P	AT04-6P	D	6 Position	1.19	.92	.84	.68
654-AT04-6P-EC01	AT04-6P-EC01	D	6 Position with End Cap	1.64	1.27	1.16	.94
654-AT04-6P-RD01	AT04-6P-RD01	D	6 Position, Reduced Diameter Seal	1.37	1.24	1.18	1.16
654-AT04-6P-MM01	AT04-6P-MM01	D	6 Position, Reduced Diameter Seal with End Cap	1.84	1.67	1.59	1.56
654-AT04-08PA	AT04-08PA	E	8 Position A Key	1.60	1.22	1.14	.926
654-AT04-08PA-EC01	AT04-08PA-EC01	E	8 Position, Key A with End Cap	2.05	1.59	1.46	1.18
654-AT04-08PA-RD01	AT04-08PA-RD01	E	8 Position, Key A, Reduced Diameter Seal	1.96	1.78	1.70	1.53
654-AT04-08PA-MM01	AT04-08PA-MM01	E	8 Position, Key A, Reduced Diameter Seal with End Cap	2.47	2.24	2.14	1.93
654-AT04-12PA	AT04-12PA	F	12 Position A Key	2.21	1.72	1.57	1.27
654-AT04-12PA-EC01	AT04-12PA-EC01	F	12 Position, Enhanced A Key with End Cap	2.38	1.98	1.78	1.58
654-AT04-12PA-RD01	AT04-12PA-RD01	F	12 Position, Enhanced A Key, Reduced Diameter Seal	2.79	2.53	2.42	2.07
654-AT04-12PA-MM01	AT04-12PA-MM01	F	12 Position, Enhanced A Key, Reduced Diameter Seal with End Cap	3.36	3.05	2.91	2.49
Plugs							
654-AT06-2S	AT06-2S	G	2 Position	.63	.47	.44	.317
654-AT06-2S-EC01	AT06-2S-EC01	G	2 Position with End Cap	.88	.67	.63	.47
654-AT06-2S-RD01	AT06-2S-RD01	G	2 Position, Reduced Diameter Seal	.85	.74	.71	.57
654-AT06-2S-MM01	AT06-2S-MM01	G	2 Position, Reduced Diameter Seal with End Cap	1.22	1.06	1.01	.81
654-AT06-3S	AT06-3S	H	3 Position	.73	.55	.52	.38
654-AT06-3S-EC01	AT06-3S-EC01	H	3 Position with End Cap	1.66	1.02	.818	.743
654-AT06-3S-RD01	AT06-3S-RD01	H	3 Position, Reduced Diameter Seal	1.03	.89	.85	.68
654-AT06-3S-MM01	AT06-3S-MM01	H	3 Position, Reduced Diameter Seal with End Cap	1.45	1.26	1.21	.96
654-AT06-4S	AT06-4S	I	4 Position	.94	.71	.68	.50
654-AT06-4S-EC01	AT06-4S-EC01	I	4 Position with End Cap	1.21	.94	.86	.69
654-AT06-4S-RD01	AT06-4S-RD01	I	4 Position, Reduced Diameter Seal	1.29	1.12	1.07	.85
654-AT06-4S-MM01	AT06-4S-MM01	I	4 Position, Reduced Diameter Seal with End Cap	1.77	1.54	1.47	1.18
654-AT06-6S	AT06-6S	J	6 Position	1.93	1.19	.952	.862
654-AT06-6S-EC01	AT06-6S-EC01	J	6 Position with End Cap	1.68	1.31	1.20	.97
654-AT06-6S-RD01	AT06-6S-RD01	J	6 Position, Reduced Diameter Seal	1.81	1.57	1.50	1.21
654-AT06-6S-MM01	AT06-6S-MM01	J	6 Position, Reduced Diameter Seal with End Cap	2.41	2.09	2.00	1.61
654-AT06-08SA	AT06-08SA	K	8 Position Key A	2.18	1.70	1.55	1.40
654-AT06-08SA-EC01	AT06-08SA-EC01	K	8 Position, Key A with End Cap	2.34	1.94	1.75	1.55
654-AT06-08SA-RD01	AT06-08SA-RD01	K	8 Position, Key A, Reduced Diameter Seal	2.55	2.31	2.14	2.03
654-AT06-08SA-MM01	AT06-08SA-MM01	K	8 Position, Key A, Reduced Diameter Seal with End Cap	2.46	2.23	2.13	2.05
654-AT06-12SA	AT06-12SA	L	12 Position Key A	2.22	1.93	1.74	1.55
654-AT06-12SA-EC01	AT06-12SA-EC01	L	12 Position, Key A with End Cap	2.62	2.28	2.06	1.83
654-AT06-12SA-MM01	AT06-12SA-MM01	L	12 Position, Key A, Reduced Diameter Seal with End Cap	2.72	2.46	2.35	2.24
Wedges							
654-AW2P	AW2P	M	2 Position Receptacle Wedge	.10	.08	.07	.05
654-AW3P	AW3P	N	3 Position Receptacle Wedge	.10	.091	.08	.073
654-AW4P	AW4P	O	4 Position Receptacle Wedge	.16	.12	.11	.079
654-AW6P	AW6P	P	6 Position Receptacle Wedge	.19	.15	.14	.10
654-AW8P	AW8P	Q	8 Position Receptacle Wedge	.24	.181	.161	.117
654-AW12P	AW12P	R	12 Position Receptacle Wedge	.24	.181	.161	.117
654-AW2S	AW2S	S	2 Position Plug Wedge	.10	.09	.08	.062
654-AW3S	AW3S	T	3 Position Plug Wedge	.13	.09	.08	.062
654-AW4S	AW4S	U	4 Position Plug Wedge	.20	.15	.13	.123
654-AW6S	AW6S	V	6 Position Plug Wedge	.19	.16	.13	.107
654-AW8S	AW8S	W	8 Position Plug Wedge	.24	.19	.17	.124
654-AW12S	AW12S	X	12 Position Plug Wedge	.24	.18	.16	.117
Contacts and Seal							
654-AT60-220-1231	AT60-220-123	Y	Male, Machined 12-14 AWG, Gold	.67	.51	.48	.359
654-AT60-14-0122	AT60-14-0122	Y	Male, Stamped & Formed 14-16 AWG, Nickel	.14	.11	.102	.089
654-AT60-16-0122	AT60-16-0122	Y	Male, Stamped & Formed 16-18 AWG, Nickel	.14	.11	.102	.089
654-AT60-16-0622	AT60-16-0622	Y	Male, Stamped & Formed 18-20 AWG, Nickel	.19	.14	.131	.118
654-AT60-202-16141	AT60-202-16141	Y	Male, Machined, Military Style, Size 16, 16-20 AWG, Nickel	.40	.31	.29	.25
654-AT62-210-1231	AT62-210-123	Y	Female, Machined 12-14 AWG, Gold	.87	.66	.63	.46
654-AT62-14-0122	AT62-14-0122	Y	Female, Stamped & Formed 14-16 AWG, Nickel	.26	.20	.19	.17
654-AT62-16-0122	AT62-16-0122	Y	Female, Stamped & Formed 16-18 AWG, Nickel	.26	.20	.19	.17
654-AT62-201-16141	AT62-201-16141	Y	Female, Machined, Military Style, Size 16, 16-20 AWG, Nickel	.48	.37	.34	.30
654-A114017	A114017	Z	Blank Seal 16 AWG	.07	.06	.051	.035



Automotive Amphenol