



A A Series™ Contacts

Machined and Stamped & Formed Contacts for use with A Series™ Products

Amphenol Sine Systems is your trusted component source for precision connector contacts designed for increased reliability and reduced cost. Our A Series™ contacts are readily available in a wide variety of materials and plating combinations and can be supplied with a number of different contact types.

Machined Contacts

Designed for heavy duty applications, these solid contacts will accommodate greater wire sizes

- Wire Size Range: 4AWG to 24AWG (25 - 0.25mm²)
- Available in Size 4, 8, 12, 16 and 20, in both Pin and Socket
- Current Ratings up to 100A
- Copper Alloy, Nickel-Plated
- Gold plating options available



Stamped & Formed Contacts

Precision engineered stamped & formed design provides cost effective wire processing, while ensuring high reliability conductor termination and performance

- Wire Size Range: 10AWG to 22AWG (6.0 - 0.35mm²)
- Available in Size 12, 16 and 20, in both Pin and Socket
- Current Ratings up to 25A
- Copper Alloy, Nickel-Plated
- Gold and Tin plating options available



A A Series™ Family



Heavy Duty, Multi-Pin Plastic and Metal Connectors

Amphenol Sine Systems' A Series™ Family of sealed, heavy-duty, multi-pin plastic and metal connectors is made up of 20+ core product lines serving many industries and bridges the gap between controlled and harsh environmental conditions to keep you connected. The connectors were developed as a high-performance, cost-effective solution for use with Heavy Equipment, Agricultural, Automotive, Military, Alternate Energy, and other demanding interconnect architectures.

We can custom design, engineer and manufacture cable assemblies to your exact customer specifications and produce large or small quantities, all to the highest standards, delivered on-time and in-specification, all with a significant cost-savings over the competition.



Standard products. Custom solutions
Customer Service +1 800 394 7732

A Series™ Contacts - Machined

Part Number	Works with	Style	Size	AWG	Amperage	Type	Plating
AT60-203-0431-4	AT	Machined	4	4	100	Pin	Gold
AT62-203-0431-4	AT	Machined	4	4	100	Socket	Gold
AT60-204-0490	ATHD, DuraMate™	Machined	4	6	100	Pin	Nickel
AT62-203-04141	ATHD, DuraMate™	Machined	4	6	100	Socket	Nickel
AT60-203-04141-4	DuraMate™	Machined	4	4	100	Pin	Nickel
AT62-203-04141-4	DuraMate™	Machined	4	4	100	Socket	Nickel
AT60-204-08141	ATHD, DuraMate™	Machined	8	8-10	60	Pin	Nickel
AT62-203-08141	ATHD, DuraMate™	Machined	8	8-10	100	Socket	Nickel
AT60-204-08141-16	DuraMate™	Machined	8	6	60	Pin	Nickel
AT62-203-08141-16	DuraMate™	Machined	8	6	60	Socket	Nickel
65-54749	ATP, AHD-9	Machined	12	18-20	25	Pin	Gold
AT60-204-12141	ATHD, ATP, AHD-6, DuraMate™, PanelMate™	Machined	12	12-14	25	Pin	Nickel
AT60-220-1231	ATHD, ATP, AHD-6, DuraMate™, PanelMate™	Machined	12	12-14	25	Pin	Gold
AT62-203-12141	ATHD, ATP, AHD-6, DuraMate™, PanelMate™	Machined	12	12-14	25	Socket	Nickel
AT62-210-1231	ATHD, ATP, AHD-6, DuraMate™, PanelMate™	Machined	12	12-14	25	Socket	Gold
AT60-204-12NKIT	ATP	Machined	12	12-14	25	Pin	Nickel
AT62-203-12NKIT	ATP	Machined	12	12-14	25	Socket	Nickel
AT62-210-1231-1820	ATP, AHD-6	Machined	12	12-14	25	Socket	Gold
AT60-204-12141-10	ATP	Machined	12	10-12	25	Pin	Nickel
AT62-203-12141-10	ATP	Machined	12	10-12	25	Socket	Nickel
65-54756	AT, AHD-9	Machined	16	14-20	13	Pin	Gold
AT60-202-16NKIT	AT, AHD-9, DuraMate™, ARC Series™	Machined	16	16-20	13	Pin	Nickel
AT62-201-16NKIT	AT, AHD-9, DuraMate™, ARC Series™	Machined	16	16-20	13	Socket	Nickel
M39029/5-117	AT	Machined	16	20	13	Socket	Gold
AT60-202-16141	AT, ATV, AHD-9, ARC, DuraMate™, PanelMate™	Machined	16	16-20	13	Pin	Nickel
AT60-202-1631	AT, ATV, AHD-9, ARC, DuraMate™, PanelMate™	Machined	16	16-20	13	Pin	Gold
AT60-215-16141	AT, ATV, AHD-9, ARC, DuraMate™, PanelMate™	Machined	16	14	13	Pin	Nickel
AT60-215-1631	AT, ATV, AHD-9, ARC, DuraMate™, PanelMate™	Machined	16	14	13	Pin	Gold
AT62-201-16141	AT, ATV, AHD-9, ARC, DuraMate™, PanelMate™	Machined	16	16-20	13	Socket	Nickel
AT62-201-1631	AT, ATV, AHD-9, ARC, DuraMate™, PanelMate™	Machined	16	16-20	13	Socket	Gold
AT62-209-16141	AT, ATV, AHD-9, ARC, DuraMate™, PanelMate™	Machined	16	14	13	Socket	Nickel
AT62-209-1631	AT, ATV, AHD-9, ARC, DuraMate™, PanelMate™	Machined	16	14	13	Socket	Gold
AT60-202-16141-22	AT, ATV, AHD-9, ARC, DuraMate™, PanelMate™	Machined	16	22-24	13	Pin	Nickel
AT60-202-1631-22	AT, ATV, AHD-9, ARC, DuraMate™, PanelMate™	Machined	16	22-24	13	Pin	Gold
AT62-201-16141-22	AT, ATV, AHD-9, ARC, DuraMate™, PanelMate™	Machined	16	22-24	13	Socket	Nickel
AT62-201-1631-22	AT, ATV, AHD-9, ARC, DuraMate™, PanelMate™	Machined	16	22-24	13	Socket	Gold
AT60-202-20NKIT	ATM, DuraMate™	Machined	20	22-18	7.5	Pin	Nickel
AT62-20-0422	ATM, DuraMate™	Machined	20	20-22	7.5	Socket	Nickel
AT62-20-0444	ATM, DuraMate™	Machined	20	20-22	7.5	Socket	Gold
AT62-201-20NKIT	ATM, DuraMate™	Machined	20	20-22	7.5	Socket	Nickel
AT60-202-20141	ATM, DuraMate™, PanelMate™	Machined	20	20	7.5	Pin	Nickel
AT60-202-2031	ATM, DuraMate™, PanelMate™	Machined	20	20	7.5	Pin	Gold
AT62-201-20141	ATM, DuraMate™, PanelMate™	Machined	20	20	7.5	Socket	Nickel
AT62-201-2031	ATM, DuraMate™, PanelMate™	Machined	20	20	7.5	Socket	Gold
AT60-010-20141	ATM, DuraMate™, PanelMate™	Machined	20	16-18	7.5	Pin	Nickel
AT60-010-2031	ATM, DuraMate™, PanelMate™	Machined	20	16-18	7.5	Pin	Gold
AT62-005-20141	ATM, DuraMate™, PanelMate™	Machined	20	16-18	7.5	Socket	Nickel
AT62-005-2031	ATM, DuraMate™, PanelMate™	Machined	20	16-18	7.5	Socket	Gold

A Series™ Contacts - Stamped & Formed

AT60-12-0144	ATP, AHD-6, DuraMate™, PanelMate™	Stamped & Formed	12	12-14	25	Pin	Gold
AT60-12-0166	ATP, AHD-6, DuraMate™, PanelMate™	Stamped & Formed	12	12-14	25	Pin	Nickel
AT60-12-0177	ATP, AHD-6, DuraMate™	Stamped & Formed	12	12-14	25	Pin	Tin

A Series™ Contacts - Stamped & Formed, cont.

Part Number	Works with	Style	Size	AWG	Amperage	Type	Plating
AT60-12-0277	AT, DuraMate™	Stamped & Formed	12	10-12	25	Pin	Tin
AT60-12-0222	ATP, DuraMate™, PanelMate™	Stamped & Formed	12	10-12	25	Pin	Nickel
AT60-12-0244	ATP, DuraMate™, PanelMate™	Stamped & Formed	12	10-12	25	Pin	Gold
AT62-12-0144	ATP, AHD-6, DuraMate™, PanelMate™	Stamped & Formed	12	12-14	13	Socket	Gold
AT62-12-0166	ATP, AHD-6, DuraMate™, PanelMate™	Stamped & Formed	12	12-14	13	Socket	Nickel
AT62-12-0177	ATP, AHD-6, DuraMate™	Stamped & Formed	12	12-14	25	Socket	Tin
AT62-12-0277	AT, DuraMate™	Stamped & Formed	12	10-12	25	Socket	Tin
AT62-12-0222	ATP, DuraMate™, PanelMate™	Stamped & Formed	12	10-12	25	Socket	Nickel
AT62-12-0244	ATP, DuraMate™, PanelMate™	Stamped & Formed	12	10-12	25	Socket	Gold
AT60-14-0122	AT, ATV, AHD-9, ARC, DuraMate™, PanelMate™	Stamped & Formed	16	14-18	13	Pin	Nickel
AT60-14-0144	AT, ATV, AHD-9, ARC, DuraMate™, PanelMate™	Stamped & Formed	16	14-18	13	Pin	Gold
AT60-16-0122	AT, ATV, AHD-9, ARC, DuraMate™, PanelMate™	Stamped & Formed	16	16-18	13	Pin	Nickel
AT60-16-0144	AT, ATV, AHD-9, ARC, DuraMate™, PanelMate™	Stamped & Formed	16	16-18	13	Pin	Gold
AT60-16-0177	AT, AHD-9, DuraMate™	Stamped & Formed	16	16-18	13	Pin	Tin
AT60-16-0322	AT, AHD-9, DuraMate™	Stamped & Formed	16	20-22	13	Pin	Nickel
AT60-16-0344	AT, AHD-9, DuraMate™	Stamped & Formed	16	20-22	13	Pin	Gold
AT60-16-0377	AT, AHD-9, DuraMate™	Stamped & Formed	16	20-22	13	Pin	Tin
AT60-16-0877	AT, AHD-9, DuraMate™	Stamped & Formed	16	20-22	13	Pin	Gold
AT60-16-0677	AT, AHD-9, DuraMate™	Stamped & Formed	16	18-20	13	Pin	Tin
AT60-16-0622	AT, ATV, AHD-9, ARC, DuraMate™, PanelMate™	Stamped & Formed	16	18-20	13	Pin	Nickel
AT60-16-0644	AT, ATV, AHD-9, ARC, DuraMate™, PanelMate™	Stamped & Formed	16	18-20	13	Pin	Gold
AT60-16-0822	AT, ATV, AHD-9, ARC, DuraMate™, PanelMate™	Stamped & Formed	16	20-22	13	Pin	Nickel
AT60-16-0844	AT, ATV, AHD-9, ARC, DuraMate™, PanelMate™	Stamped & Formed	16	20-22	13	Pin	Gold
AT62-14-0122	AT, ATV, AHD-9, ARC, DuraMate™, PanelMate™	Stamped & Formed	16	14-18	13	Socket	Nickel
AT62-14-0144	AT, ATV, AHD-9, ARC, DuraMate™, PanelMate™	Stamped & Formed	16	14-18	13	Socket	Gold
AT62-16-0122	AT, ATV, AHD-9, ARC, DuraMate™, PanelMate™	Stamped & Formed	16	16-18	13	Socket	Nickel
AT62-16-0144	AT, ATV, AHD-9, ARC, DuraMate™, PanelMate™	Stamped & Formed	16	16-18	13	Socket	Gold
AT62-16-0177	AT, AHD-9, DuraMate™	Stamped & Formed	16	16-18	13	Socket	Tin
AT62-16-0677	AT, AHD-9, DuraMate™	Stamped & Formed	16	18-20	13	Socket	Tin
AT62-16-0622	AT, ATV, AHD-9, ARC, DuraMate™, PanelMate™	Stamped & Formed	16	18-20	13	Socket	Nickel
AT62-16-0644	AT, ATV, AHD-9, ARC, DuraMate™, PanelMate™	Stamped & Formed	16	18-20	13	Socket	Gold
AT62-16-0822	AT, ATV, AHD-9, ARC, DuraMate™, PanelMate™	Stamped & Formed	16	20-22	13	Socket	Nickel
AT62-16-0844	AT, ATV, AHD-9, ARC, DuraMate™, PanelMate™	Stamped & Formed	16	20-22	13	Socket	Gold
AT60-20-0422	ATM, DuraMate™	Stamped & Formed	16	20-22	7.5	Pin	Nickel
AT60-20-0444	ATM, DuraMate™	Stamped & Formed	16	20-22	7.5	Pin	Gold
AT60-20-0122	ATM, DuraMate™, PanelMate™	Stamped & Formed	20	16-22	7.5	Pin	Nickel
AT60-20-0144	ATM, DuraMate™, PanelMate™	Stamped & Formed	20	16-22	7.5	Pin	Gold
AT60-20-0477	ATM, DuraMate™	Stamped & Formed	20	20-22	7.5	Pin	Tin
AT60-20-0222	ATM, DuraMate™, PanelMate™	Stamped & Formed	20	16-22	7.5	Pin	Nickel
AT60-20-0244	ATM, DuraMate™, PanelMate™	Stamped & Formed	20	16-22	7.5	Pin	Gold
AT60-20-0277	ATM, DuraMate™, PanelMate™	Stamped & Formed	20	16-22	7.5	Pin	Tin
AT62-20-0122	ATM, DuraMate™, PanelMate™	Stamped & Formed	20	16-22	7.5	Socket	Nickel
AT62-20-0144	ATM, DuraMate™, PanelMate™	Stamped & Formed	20	16-22	7.5	Socket	Gold
AT62-20-0177	ATM, DuraMate™	Stamped & Formed	20	16-22	7.5	Socket	Tin
AT62-20-0222	ATM, DuraMate™, PanelMate™	Stamped & Formed	20	16-22	7.5	Socket	Nickel
AT62-20-0244	ATM, DuraMate™, PanelMate™	Stamped & Formed	20	16-22	7.5	Socket	Gold
AT62-20-0277	ATM, DuraMate™, PanelMate™	Stamped & Formed	20	16-22	7.5	Socket	Tin

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