



Dual-Locking, Heavy-Duty Power & Signal Connectors

Available in 38 position (6 Power/32 Signal Configuration)

Amphenol Sine Systems' **DuraLok™ Dual-Locking Connectors** are a high-density, heavy-duty, environmentally-sealed connector series available in both Plugs and Receptacles, with three (3) keying options (A, B and C).

The robust, integrated locking lever, built directly into the plug housing, ensures a secure mating with the receptacle everytime.

All Plugs and Receptacles are IP67 rated (in mated condition)



Applications: Heavy Equipment, Agriculture, Construction, Transportation, Off-Road, Mining, Industrial, Railway, Automotive, Diagnostics, Marine, Water Resistance, Harsh Environments

DuraLok™ - Technical Specifications

Temperature Range	-40 - +125°C
Max. Current (AMP)	13.5A (Power), 5A (Signal)
Voltage Rating (AC/DC)	250V
IP Rating	IP67 (in mated condition)
Min. Mating Cycles	> 500
Dielectric Value	Less than 2 mA current leakage @2000V AC
Insulation Resistance	500 megohms minimum
Contact Type	Stamped & Formed

Contact Material	Copper Alloy
Contact Plating	Gold Flash; Gold, Nickel, or Tin Plating
Shell Body	Thermoplastic UL94 V-0
Contact Locating Cover	Thermoplastic UL94 V-0
Locking Lever	Thermoplastic UL94 V-0
End Cap	Thermoplastic UL94 V-0
Wire Seal/Gasket	Silicone Rubber
RoHS	Compliant



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Image	Part Number	Description	Wire AWG Range	Amperage	Voltage
	ATV04-38PA-S2	38 Position, Receptacle, Pin, DuraLok™, Power and Signal, Keyed A, Grey, IP67 rated (in mated condition)	Ø1.5-1.8mm (20AWG) Ø1.6-2.8mm (22-14AWG)	13.5A	250V
	ATV04-38PB-S2	38 Position, Receptacle, Pin, DuraLok™, Power and Signal, Keyed B, Grey, IP67 rated (in mated condition)	Ø1.5-1.8mm (20AWG) Ø1.6-2.8mm (22-14AWG)	13.5A	250V
	ATV04-38PC-S2	38 Position, Receptacle, Pin, DuraLok™, Power and Signal, Keyed C, Grey, IP67 rated (in mated condition)	Ø1.5-1.8mm (20AWG) Ø1.6-2.8mm (22-14AWG)	13.5A	250V
	ATV06-38SA-S2	38 Position, Plug, Socket, DuraLok™, Power and Signal, Keyed A, Grey, IP67 rated (in mated condition)	Ø1.5-1.8mm (20AWG) Ø1.6-2.8mm (22-14AWG)	13.5A	250V
	ATV06-38SB-S2	38 Position, Plug, Socket, DuraLok™, Power and Signal, Keyed B, Grey, IP67 rated (in mated condition)	Ø1.5-1.8mm (20AWG) Ø1.6-2.8mm (22-14AWG)	13.5A	250V
	ATV06-38SC-S2	38 Position, Plug, Socket, DuraLok™, Power and Signal, Keyed C, Grey, IP67 rated (in mated condition)	Ø1.5-1.8mm (20AWG) Ø1.6-2.8mm (22-14AWG)	13.5A	250V
	PL000761	Dust Cap for Recep, DuraLok™, White, IP54 rated	-	-	-
	PL000762	Dust Cap for Plug, DuraLok™, White, IP54 rated	-	-	-
	SC000571F	Pin Contact, Signal, 1.0x0.64mm, Stamped & Formed, 20-22AWG, Gold Flash	20-22AWG	5A	-
	SC000571G5	Pin Contact, Signal, 1.0x0.64mm, Stamped & Formed, 20-22AWG, 5µ" Gold Plating	20-22AWG	5A	-











Image	Part Number	Description	Wire AWG Range	Amperage	Voltage
	SC000571G10	Pin Contact, Signal, 1.0x0.64mm, Stamped & Formed, 20-22AWG, 10µ" Gold Plating	Ø1.5-1.8mm(20AWG)	5A	-
	SC000571G15	Pin Contact, Signal, 1.0x0.64mm, Stamped & Formed, 20-22AWG, 15µ" Gold Plating	20-22AWG	5A	-
	SC000571G30	Pin Contact, Signal, 1.0x0.64mm, Stamped & Formed, 20-22AWG, 30µ" Gold Plating	20-22AWG	5A	-
	SC000571N	Pin Contact, Signal, 1.0x0.64mm, Stamped & Formed, 20-22AWG, Nickel Plating	20-22AWG	5A	-
	SC000571T	Pin Contact, Signal, 1.0x0.64mm, Stamped & Formed, 20-22AWG, Tin Plating	20-22AWG	5A	-
	SC000572F	Socket Contact, Signal, 1.0x0.64mm, Stamped & Formed, 20-22AWG, Gold Flash	20-22AWG	5A	-
	SC000572G5	Socket Contact, signal, 1.0x0.64mm, Stamped & Formed, 20-22AWG, 5µ" Gold Plating	20-22AWG	5A	-
	SC000572G10	Socket Contact, Signal, 1.0x0.64mm, Stamped & Formed, 20-22AWG, 10µ" Gold Plating	Ø1.5-1.8mm (20AWG)	5A	-
	SC000572G15	Socket Contact, signal, 1.0x0.64mm, Stamped & Formed, 20-22AWG, 15µ" Gold Plating	20-22AWG	5A	-
	SC000572G30	Socket Contact, signal, 1.0x0.64mm, Stamped & Formed, 20-22AWG, 30µ" Gold Plating	20-22AWG	5A	-

Image	Part Number	Description	Wire AWG Range	Amperage	Voltage
	SC000572N	Socket Contact, Signal, 1.0x0.64mm, Stamped & Formed, 20-22AWG, Nickel Plating	20-22AWG	5A	-
	SC000572T	Socket Contact, Signal, 1.0x0.64mm, Stamped & Formed, 20-22AWG, Tin Plating	20-22AWG	5A	-
	SP14M2F	Pin Contact, Stamped & Formed Size 16, Wire Range 2.0-2.5mm², 16-14 AWG, with 3 Tangs, Gold Flash over Nickel	14-16AWG	13A	-
	SP14M2G5	Pin Contact, Stamped & Formed Size 16, Wire Range 2.0-2.5mm², 16-14 AWG, with 3 Tangs, Gold 5µ" over Nickel	14-16AWG	13A	-
	SP14M2G10	Pin Contact, Stamped & Formed Size 16, Wire Range 2.0-2.5mm², 16-14 AWG, with 3 Tangs, Gold 10µ" over Nickel	14-16AWG	13A	-
	SP14M2G15	Pin Contact, Stamped & Formed Size 16, Wire Range 2.0-2.5mm², 16-14 AWG, with 3 Tangs, Gold 15µ" over Nickel	14-16AWG	13A	-
	SP14M2G30	Pin Contact, Stamped & Formed Size 16, Wire Range 2.0-2.5mm², 16-14 AWG, with 3 Tangs, Gold 30µ" over Nickel	14-16AWG	13A	-
	SP14M2T	Pin Contact, Stamped & Formed Size 16, Wire Range 2.0-2.5mm², 16-14 AWG, with 3 Tangs, Tin over Nickel	14-16AWG	13A	-
	SP16M2F	Pin Contact, Stamped & Formed Size 16, Wire Range 0.75-1.5mm², 18-16 AWG, with 3 Tangs, Gold Flash over Nickel	18-16AWG	13A	-
	SP16M2G5	Pin Contact, Stamped & Formed Size 16, Wire Range 0.75-1.5mm², 18-16 AWG, with 3 Tangs, Gold 5µ" over Nickel	18-16AWG	13A	-

Image	Part Number	Description	Wire AWG Range	Amperage	Voltage
	SP16M2G10	Pin Contact, Stamped & Formed Size 16, Wire Range 0.75-1.5mm², 18-16 AWG, with 3 Tangs, Gold 10µm over Nickel	18-16AWG	13A	-
	SP16M2G15	Pin Contact, Stamped & Formed Size 16, Wire Range 0.75-1.5mm², 18-16 AWG, with 3 Tangs, Gold 15µm over Nickel	18-16AWG	13A	-
	SP16M2G30	Pin Contact, Stamped & Formed Size 16, Wire Range 0.75-1.5mm², 16-14 AWG, with 3 Tangs, Gold 30µm over Nickel	18-16AWG	13A	-
	SP16M2T	Pin Contact, Stamped & Formed Size 16, Wire Range 0.75-1.5mm², 16-14 AWG, with 3 Tangs, Tin over Nickel	18-16AWG	13A	-
	SP20M2F	Pin Contact, Stamped & Formed Size 16, Wire Range 0.34-.50mm², 22-20 AWG, with 3 Tangs, Gold Flash over Nickel	22-20AWG	13A	-
	SP20M2G5	Pin Contact, Stamped & Formed Size 16, Wire Range 0.34-.50mm², 22-20 AWG, with 3 Tangs, Gold 5µm over Nickel	22-20AWG	13A	-
	SP20M2G10	Pin Contact, Stamped & Formed Size 16, Wire Range 0.34-.50mm², 22-20 AWG, with 3 Tangs, Gold 10µm over Nickel	22-20AWG	13A	-
	SP20M2G15	Pin Contact, Stamped & Formed Size 16, Wire Range 0.34-.50mm², 22-20 AWG, with 3 Tangs, Gold 15µm over Nickel	22-20AWG	13A	-
	SP20M2G30	Pin Contact, Stamped & Formed Size 16, Wire Range 0.34-.50mm², 22-20 AWG, with 3 Tangs, Gold 30µm over Nickel	22-20AWG	13A	-
	SP20M2T	Pin Contact, Stamped & Formed Size 16, Wire Range 0.34-.50mm², 22-20 AWG, with 3 Tangs, Tin Plating over Nickel	22-20AWG	13A	-

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