



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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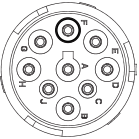
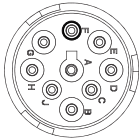


# What Type Are You?

## AHD Series™ J1939 Type 1 & 2 On-Vehicle Data Connectors

J1939 has become the accepted industry standard and the choice for vehicle diagnostic and data communication for commercial heavy-duty, off-highway, truck, bus, marine propulsion, power generation, industrial pumping, construction, and material handling machines. J1939 is a higher-layer protocol based on Controller Area Network (CAN). Adopted widely by the diesel engine industry, it provides diagnostic data such as vehicle engine speed, temperature, oil temperature, exhaust emissions, and other customizable options.

### What Are The Differences Between Type 1 and 2?

	Pin	
<b>Type 1 (Black)</b>		<b>Type 2 (Green)</b>
Ground	A	Ground
Battery	B	Battery
J1939 + 250kb	C	J1939 + 500kb
J1939 - 250kb	D	J1939 - 500kb
J1939 Shield	E	J1939 Shield
J1708+	F	J1708+ / J1939 + 250kb
J1708-	G	J1708- / J1939 - 250kb
OEM Specific	H	OEM Specific
OEM Specific	J	OEM Specific



Part of the  
**A Series Family**



## AHD Series J1939 Type 1 & 2

AHD Receptacles	Part Number	Type	Description
	AHD10-9-1939P	1	AHD Series, 9 Position, Receptacle, Type 1
	AHD10-9-1939PE	1	AHD Series, 9 Position, Receptacle, Reduce Seal, Type 1
	AHD17-9-1939PES	1	AHD Series, 9 Position, Receptacle, Jam Mount, Extended Shroud, Reduced Seal, Type 1
	AHD10-9-1939P-B022	1	AHD Series, 9 Position, Receptacle, Jam Mount, Type 1 *Available Q1 2018
	AHD10-9-1939PR-B022	1	AHD Series, 9 Position, Receptacle, Reduced Seal, Jam Mount, Type 1 *Available Q1 2018
	AHD14-9-1939P	1	AHD Series, 9 Position, Receptacle, In-Line, Type 1
	AHD10-9-1939P80	2	AHD Series, 9 Position, Receptacle, Type 2
	AHD10-9-1939P8R	2	AHD Series, 9 Position, Receptacle, Reduced Seal, Type 2
	AHD17-9-1939PES80	2	AHD Series, 9 Position, Receptacle, Jam Mount, Extended Shroud, Reduced Seal, Type 2
	AHD10-9-1939P-BP80	2	AHD Series, 9 Position, Receptacle, Jam Mount, Type 2 *Available Q1 2018
AHD10-9-1939PR-BP80	2	AHD Series, 9 Position, Receptacle, Reduced Seal, Jam Mount, Type 2 *Available Q1 2018	
AHD Plugs	Part Number	Type	Description
	AHD16-9-1939S	1	AHD Series, 9 Position, Plug, Locking Ring, Type 1
	AHD16-9-1939SE	1	AHD Series, 9 Position, Plug, Reduced Seal, Locking Ring, Type 1
	AHD17-9-1939S	1	AHD Series, 9 Position, Plug, Smooth Shell Diagnostic Grade, Type 1
	AHD16-9-1939S80	2	AHD Series, 9 Position, Plug, Locking Ring, Type 2
	AHD16-9-1939S8R	2	AHD Series, 9 Position, Plug, Reduced Seal, Locking Ring, Type 2
AHD Caps	Part Number	Type	Description
	AHDC-16-9-BLK	1	AHD Series, 9 Position, Receptacle, Cap, Black, Type 1
	AHDC-16-9-OBDBK	1	AHD Series, 9 Position, Receptacle, Cap, OBD Black, Type 1
	AHDC-16-9-OBDBGN	2	AHD Series, 9 Position, Receptacle, Cap, OBD Green, Type 2
AHD Panel Nuts	Part Number	Type	Description
	AHD17-PN01	1	AHD Series, 9 Position, Panel Nut (used on the AHD17-9-1939PES/80), Black, Type 1
	AHD17-PN01-GRN	2	AHD Series, 9 Position, Panel Nut (used on the AHD17-9-1939PES80) Green, Type 2
	AHDP18-PN01	1	AHD Series, 9 Position, Panel Nut (used on the AHD10-9-1939P/R-BP80/B022), Black, Type 1
AHD Cap & Tether	Part Number	Type	Description
	AHDC169-T-OBDBK	1	AHD Series, 9 Position, Receptacle, Cap w/ Rubber Tether, OBD Black, Type 1
	AHDC169-T-OBDBGN	2	AHD Series, 9 Position, Receptacle, Cap w/ Rubber Tether, OBD Green, Type 2
	AHDC169-T-BLK	1	AHD Series, 9 Position, Receptacle, Cap w/ Rubber Tether, Black, Type 1
	AHDC169-TMOBDBK	1	AHD Series, 9 Position, Receptacle, Cap w/ Metal Tether, OBD Black, Type 1
	AHDC169-TMOBDBGN	2	AHD Series, 9 Position, Receptacle, Cap w/ Metal Tether, OBD Green, Type 2
	AHDC169-TMBLK	1	AHD Series, 9 Position, Receptacle, Cap w/ Metal Tether, Black, Type 1

**Important:** All images shown above are just a sampling of available AHD Series J1939 parts. For complete selection, refer to website.

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