

# LEAVYSEAL CONNECTORS

The Flexible Sealed High Pin Count Solution for Multiple Applications

LEAVYSEAL connectors are a family of high-density lever-assisted connector housings for bulkhead, pass-thru and a vast variety of other applications throughout the vehicle. Our LEAVYSEAL connector series utilizes a lever lock system for mating and is available in several mounting styles and keying options.

Constantly expanding with new offerings, we increase your design flexibility for sealed high pin count applications. We have added product variations, new configuration, new cable exit designs as well as additional accessories. The latest additions to the line meet the increasing density and power demands to help you stay ahead of the industry trend.

Environmentally sealed, the lever design supports easy assembly. With variants made of flame-retardant UL 94 V-0 material, the high temperature range of -40 to +140°C and a high level of IP protection (IP67, IP69K with cover), LEAVYSEAL connector is a secure solution for harsh environment applications.



### Key Industries

Truck

Construction

Agriculture

Bus

Special Industries

Mining

### Applications

Motors and Gearboxes

ABS/EBS Brake Units

Actuators

Bulkhead

Fuses and Relay Boxes

E-Motor

Actuators

EV Battery

Lighting

Wire-To-Wire

Wire-To-Board

## Get to Know Our Newest Products



### LEAVYSEAL Connector - 95 & 104 Position Receptacle and Tab Housings

- Increased density within the same size and interface (of group 5) utilizing the MCON 1.2 contact system
- Combined MCON 1.2 contacts with AMP MCP 2.8 and AMP MCP 6.3, AMP MCP 6.3 LITEFORCE contacts for hybrid power and signal configurations
- Improved ergonomic performance with new lever design
- Tight seal and maximized sealing with IP67 and IP69K high-level protection (with cover)
- Smooth, slick surface minimizes dust and mud adhesion

Position	Material	Coding	Color	Receptacle Housing	Tab Housing
95	UL 94 V-0	A	Black	1-2344950-1 *	1-2383353-1 *
		B	Grey	2-2344950-1 *	2-2383353-1 *
104	UL 94 V-0	A	Green	1-2344951-2 *	1- -2 *



### LEAVYSEAL Connector - V-0 Design & Reversed Exit Housings

- Additional safety thanks to flame-retardant UL 94 V-0 material
- More design in flexibility and efficiency with reversed exit housings (31/39/62 Position Receptacle Housings)

Position	Contact Size	Coding	Color	Receptacle Housing	Reversed Exit	Tab Housing	
						In-Line	Flange
31	AMP MCP 2.8 (x27)	A	Green	-	1-2344951-2	1-2383354-2	-
	AMP MCP 6.3 (x4)						
31	AMP MCP 2.8 (x27)	E w/o Rib	Violet	-	1-2368394-8	-	-
	AMP MCP 6.3 (x4)						
39	AMP MCP 2.8	E	Dark Green	5-2385846-1	5-2368393-3	5-2387150-1	-
39	AMP MCP 2.8	F	Brown	6-2385846-1	6-2368393-3	6-2387150-1	-
39	AMP MCP 2.8	E w/o Rib	Dark Green	-	5-2368393-7	5-2387150-1	-
39	AMP MCP 2.8	F w/o Rib	Brown	-	6-2368393-7	6-2387150-1	-
62	AMP MCP 2.8 (x6)	A	Black	1-2385838-1	1-2366619-2	1-2387146-1	-
	AMP MCP 1.5 K (x56)						
62	AMP MCP 2.8 (x6)	B	Grey	2-2385838-1	2-2366619-2	2-2387146-1	-
	AMP MCP 1.5 K (x56)						
62	AMP MCP 2.8 (x6)	C	Blue	3-2385838-1	3-2366619-2	3-2387146-1	-
	AMP MCP 1.5 K (x56)						
62	AMP MCP 2.8 (x6)	D	Green	4-2385838-1	-	4-2387146-1	-
	AMP MCP 1.5 K (x56)						
62	AMP MCP 2.8 (x6)	A w/o Rib	Black	-	1-2366619-3	1-2387146-1	-
	AMP MCP 1.5 K (x56)						
62	AMP MCP 2.8 (x6)	B w/o Rib	Grey	-	2-2366619-3	2-2387146-1	-
	AMP MCP 1.5 K (x56)						
62	AMP MCP 2.8 (x6)	C w/o Rib	Blue	-	3-2366619-3	3-2387146-1	-
	AMP MCP 1.5 K (x56)						



### LEAVYSEAL Connector - 58 Position Hybrid Connector

- Increased density utilizing the MCON 1.2 contact system with integrated family seal
- Combined MCON 1.2 with AMP MCP 2.8 and AMP MCP 6.3 / 4.8 contacts for hybrid power and signal configurations
- Additional stability with clip mounting / bracket mounting
- Wide wire size range of 0.5 to 6 mm<sup>2</sup>

Position	Contact Size	Coding	Color	Receptacle Housing	Cover	Tab Housing	
						In-Line	Flange
58	AMP MCP 6.3/4.8K (x2)	A	Black	2378366-1 *	2378357-1	2378367-1 *	-
	AMP MCP 2.8 (x8)						
	MCON1.2 (x48)						
58	AMP MCP 6.3/4.8K (x2)	B	Black	2378366-2 *	2378357-1	2378367-2 *	-
	AMP MCP 2.8 (x8)						
	MCON1.2 (x48)						



### LEAVYSEAL Connector - 66 Position Hybrid Connector

- Increased density utilizing the MCON 1.2 contact system with integrated family seal
- Combined MCON 1.2 with AMP MCP 2.8 and AMP MCP 6.3 / 4.8 contacts for hybrid power and signal configurations
- Additional stability with clip mounting / bracket mounting
- Wide wire size range of 0.5 to 6 mm<sup>2</sup>

Position	Contact Size	Coding	Color	Receptacle Housing	Cover	Tab Housing	
						In-Line	Flange
66	AMP MCP 6.3/4.8K (x2)	A	Black	2396217-1 *	2408855-1	2396218-1 *	1-2396218-1
	AMP MCP 2.8 (x8)						
	MCON1.2 (x48)						
66	AMP MCP 6.3/4.8K (x2)	B	Black	2396217-2 *	2408855-1	2396218-2 *	1-2396218-2 *
	AMP MCP 2.8 (x8)						
	MCON1.2 (x48)						



### LEAVYSEAL Connector - 39 Position Header (coding extension)

- Extend new coding F to headers

Group	Position	Contact Size	Coding	Color	90°	180°
5	39	AMP MCP 2.8	E	Dark Green	5-1418363-3	5-1418363-1
5	39	AMP MCP 2.8	F	Brown	-	6-1418363-1 *



### LEAVYSEAL Connector - 25 Position Receptacle Housing & Cover

- Combined AMP MCP 1.5K and 6.3 contacts in new group 2 receptacle housing for hybrid power and signal configurations
- Additional safety thanks to flame-retardant UL 94 V-0 material
- Tight seal and maximized sealing with IP69K high-level protection (with back shell)

Position	Material	Contact Size	Coding	Color	Receptacle Housing	Cover
25	UL 94 V-0	AMP MCP 6.3 (x2)	A	Black	1-2328352-2 *	2327810-1 *
		AMP MCP 1.5 K (x23)				



### LEAVYSEAL Connector - 26 Position 3.5 mm Fixing Slide

- Additional flexibility with new fixing slide for group 3
- Fixing slide for 3.5 mm panel thickness

Group	Material	Contact Size	Coding	Cover
3	26	Red	For use with 2.5 mm panel thickness	2112045-1
3	26	Yellow	For use with 3.0 mm panel thickness	2112045-2
3	26	Grey	For use with 3.5 mm panel thickness	2112045-3 *

\* New Part Number