DELPHI

AK Passthrough Connection

Family benefits

- Fully compatible with the existing AK product

- Designed for HEV market for Powertrain Modules application

- Delphi patented cable squeezing fixture make sure reliable cable strain relief function and improve anti-vibration performance

Series features

- All stamped shielding component reduce the manufacture cost

- Optimized shielding contact offer the high reliable connection

AK Passthrough connection pictures for reference only

See back page for representative part numbers.

Available configurations

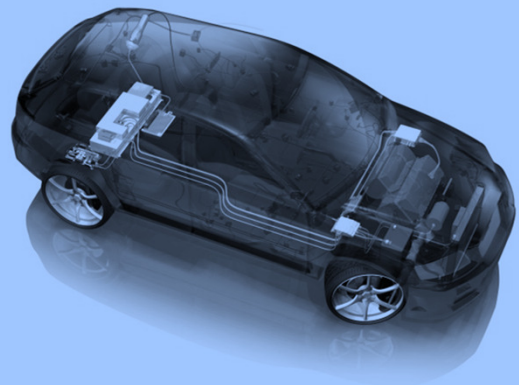| Cavity Count (Ways)	1,2,3
Code index	Various
Cable range	Variance based on LV216
Application (Vibration)	Powertrain Modules (Power Converter/inverter ,PDU, Battery)

Technical characteristics

Temperature Range	-40 to +140˚C
Voltage rating	Up to 1000V DC
Current rating	Up to 275A @85°C
Sealing rating	IP6K9K, IP67
Finger Proof	NA
EMC (Transfer impedance)	<10 mΩ/m (2 MHz) <50 mΩ/m (30 MHz)

Delphi advantages

Delphi is one of the world's leading automotive and transportation market suppliers of advanced terminals, connectors, sealing, wiring and cable products. Delphi's deep understanding of various connection system technologies and the company's vast research and development capabilities have enabled continuing innovation.
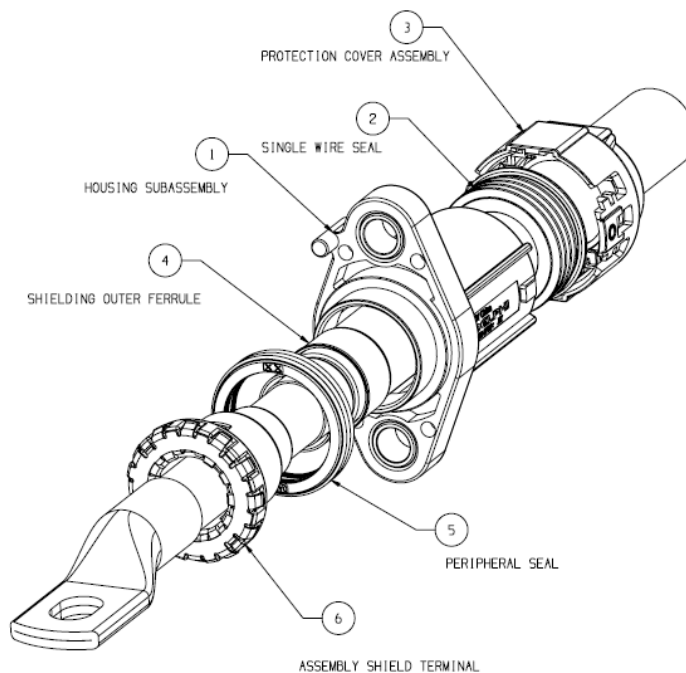
Connect with us at delphi.com

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Part numbers

Cavity count	Terminal type (mm)	Gender	Dimensions W x H x D (mm)	Part drawing number	Cable size	Cable type	Mounting type	Index	Color
1	Ring	NA	31x56.1x 58.4	33376479	16-50	Individual	Bolt	A,B,G	Orange
2	Ring	NA	87x38 x58.4	33376479	16-50	Individual	Bolt	A	Orange
3	Ring	NA	120x49 x58.4	33376479	16-50	Individual	Bolt	A	Orange

Note:

Please contact the representative sales for more information about the salable parts . And The Part drawing number show the completed salable parts kit for final assembly :

PROTECTION COVER ASSEMBLY

SINGLE WIRE SEAL

HOUSING SUBASSEMBLY

SHIELDING OUTER FERRULE

PERIPHERAL SEAL

ASSEMBLY SHIELD TERMINAL