

SHIELDPACK™

HV AK CLASS 1 SI 2 WAY



AVAILABLE CONFIGURATIONS

Connector Type	Wire-to-device
Cable Exit Orientation	180°
Cable Range (mm²)	3 / 4 / 5
Terminal Type	2.8 mm Blade Contact
# of Cavities	2
Shielding	Individual
HVIL	Shunt
Assembly Assurance	CPA
Number of Indexes	5



APPLICATIONS

Air Conditioning	On-board charger (OBC)
PTC Heater	DC/DC

See back page for representative part numbers and packaging dimensions.

BENEFITS

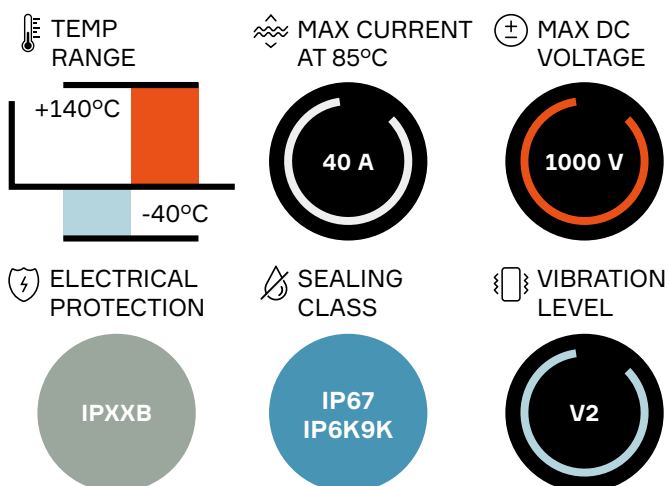
- High operating temperature
- High robustness against vibrations
- Standard AK interface
- Multiple layout & HVIL options offered with same interface (see also Multicore Shielded series)

FEATURES

- For applications with needs up to 40A
- Compliant to LV214 / LV215
- Patented squeezing fixture for enhanced anti-vibration performance
- Smaller package size than Multicore version



PERFORMANCE



About Aptiv

Aptiv is a global technology company that develops safer, greener and more connected solutions enabling the future of mobility.

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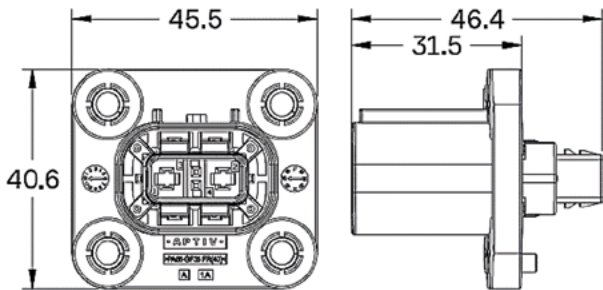
Index	Header connector	Mating Connector – Individually Shielded	BOM
A	35149836	35206206	1
B	35149837	35206207	
C	35149838	35206208	
D	35149839	35206209	
E	35149840	35206210	

ASSOCIATED PARTS

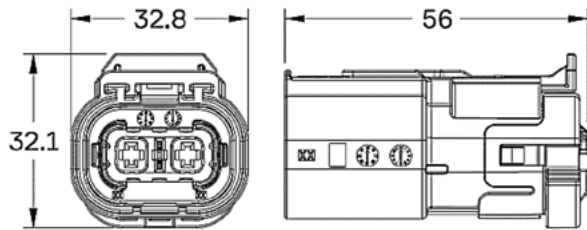
Part number			Description	BOM
Header				
35194900 Ag plated 33401022 Sn plated			DCS-2 2.8 Male Terminal	2
15540349 Ag plated 13580633 Sn plated			MTS-II 0.64 Female Terminal 0.25 - 0.35 mm ²	2
15540356 Ag plated 13580635 Sn plated			MTS-II 0.64 Female Terminal 0.5 - 0.75 mm ²	
35149868			TPA	1
Mating connector				
3 mm ² Cable	4 mm ² Cable	5 mm ² Cable		
13882331 Ag plated 13943933 Sn plated			CTS 2.8 Female Terminal	2
33522728 Ag plated 13780621 Sn plated			DCK 2.8 Female Terminal	
35226475	35230979	35230980	Outer Ferrule	2
35242858	35236785	35236786	Inner Ferrule	2
35240442	35230976	35206307	Cable Seal	1
35242833	35206310	35208801	Cable Strain Relief	1



DIMENSION MEASUREMENT SAMPLE



Header Connector



Mating Connector

Part numbers, specifications, dimensions and performance data in this document are for general references only and are subject to change without notice. To verify product information, please contact an Aptiv representative.

CS-SP140-HV-En0323