

SHIELDPACK™ HV APEX280 SB DM



ShieldPack™ HV APEX280 SB DM

BENEFITS

- Same connector for both bundle and individual cable shielding
- Cost effective solution thanks to the direct connection between the female connector and the male terminals within the device case
- High EMC & RFI shielding performance with direct connection to metal device case

FEATURES

- Two HV power circuits (APEX® 2.8 mm terminal)
- Bundle shielding with external braid in serial production
- Individual cable shielding version available by request
- Integrated HVIL (HV interlock line)



AVAILABLE CONFIGURATIONS

Connector Type	Wire-to-device
Cable Exit Orientation	180°
Cable Range (mm ²)	2.5 - 6 (power) 0.5 - 0.75 (HVIL)
Terminal Type	APEX® 2.8
# of Power Terminals	2
Shielding	Bundle (also compatible for individual cable shielding)
HVIL	Pass-through or shunt on header
Assembly Assurance	None (screwed)
Number of Indexes	1

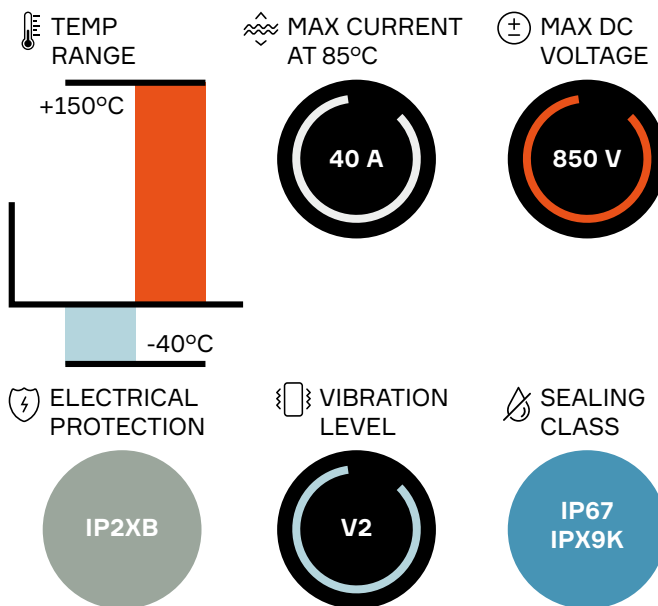


APPLICATIONS

Battery pack, DC / DC converter, On-board charger (OBC)



TECHNICAL CHARACTERISTICS



See back page for representative part numbers and packaging dimensions.

About Aptiv

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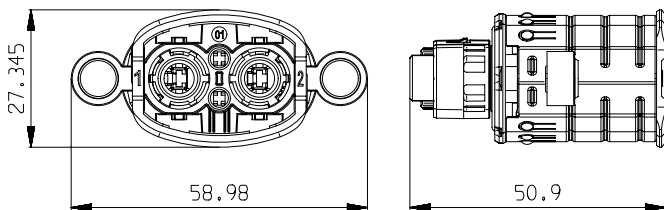


Header connector	Mating connector	BOM
Not needed (mates directly to device)	35208936	1

ASSOCIATED PARTS

Part number	Description	BOM
Mating connector		
15509074	APEX® 2.8 female terminal 2.5 mm ²	2
15516298	APEX® 2.8 female terminal 4 - 6 mm ²	
13834764	Single wire seal 3.4 - 4.4 mm	2
35206690	Cable strain relief	2
15549847	DSQ 1.5 female terminal silver-plated 0.35 - 0.5 mm ²	2
15549848	DSQ 1.5 female terminal silver-plated 0.75 - 1.0 mm ²	
15441379	DCS 1.5 red single wire seal 0.35 - 0.5 mm ²	2
15441380	DCS 1.5 grey single wire seal 0.75 - 1 mm ²	

DIMENSION MEASUREMENT SAMPLE



35208936

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-SP92-HV-En1220

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