

# SHIELDPACK™ HV CTS280 SI



ShieldPack™ HV CTS280 SI

## BENEFITS

- No mechanical assist needed for mating
- Compact system design with integrated HVIL
- Robust error-proof assembly and system mating

## FEATURES

- Tool-less unmating system
- Finger proof/touch safe
- 4 power circuits
- Panel mount to device with face seal (on wire-to-device)
- Aluminum compression bushings
- Internal HVIL (shunted in harness connector)
- ISO cable compatible



## AVAILABLE CONFIGURATIONS

Connector Type	Wire-to-device
Cable Exit Orientation	180°
Cable Range (mm <sup>2</sup> )	3 - 5 (power) 0.5 - 0.75 mm (HVIL)
Terminal Type	CTS 2.8
# of Terminals	4
Shielding	Individual
HVIL	Shunt on female
Assembly Assurance	CPA
Number of Indexes	2



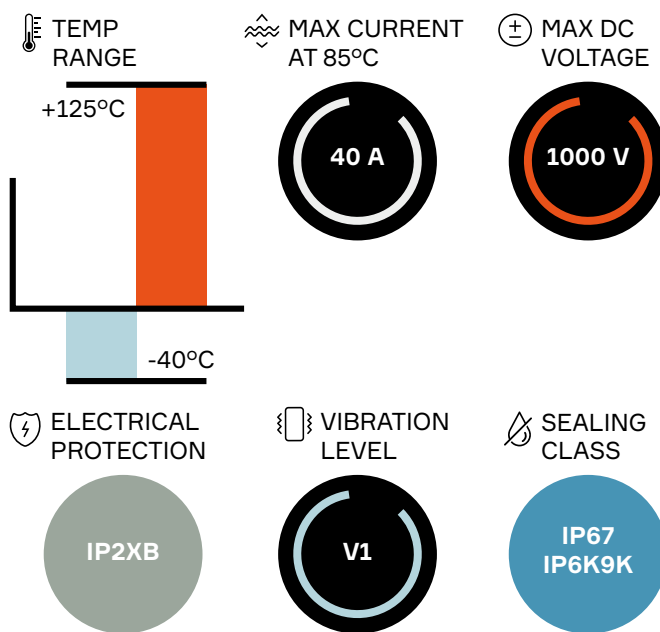
## APPLICATIONS

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

See back page for representative part numbers and packaging dimensions.



## TECHNICAL CHARACTERISTICS



## About Aptiv

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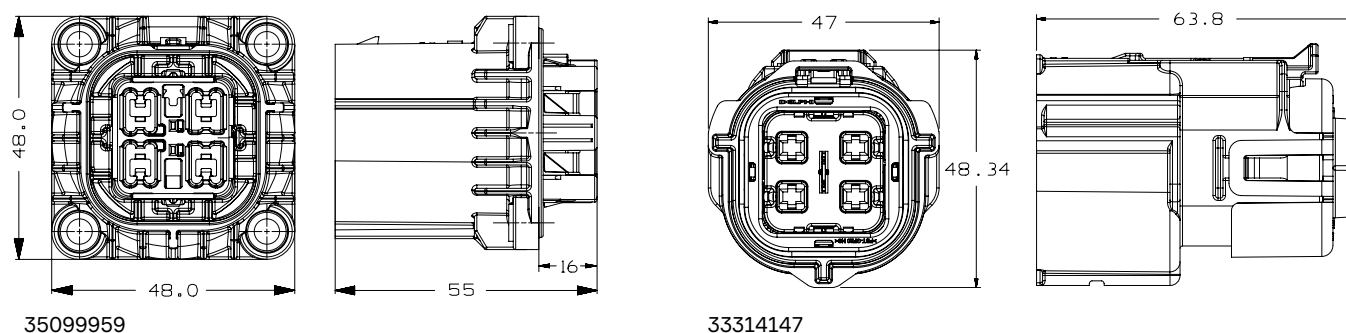
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Index	Header outer	Header inner connector	Mating connector	BOM
101	35099959	35099976	33314147	1
102	35161787	35149737	33314148	

## ASSOCIATED PARTS

Part number	Description	BOM
<b>Header</b>		
13597855	MTS 0.64 HVIL female terminal 0.5 - 0.75 mm	2
13753471	CTS 2.8 male terminal 3 - 5 mm <sup>2</sup>	4
13790534	CTS 2.8 male terminal 4 - 5 mm <sup>2</sup>	
33314145	TPA (Terminal Position Assurance)	2
<b>Mating Connector</b>		
13882331	CTS 2.8 female terminal 3 - 5 mm <sup>2</sup>	4
13737699	Inner ferrule 3 mm <sup>2</sup> ISO cable	4
33292550	Inner ferrule 5 mm <sup>2</sup> ISO cable	
13737702	Outer ferrule 3 mm <sup>2</sup> ISO cable	4
33292551	Outer ferrule 5 mm <sup>2</sup> ISO cable	
35072736	3 mm <sup>2</sup> ISO cable seal	1
35072735	5 mm <sup>2</sup> ISO cable seal	
35072739	3 mm <sup>2</sup> ISO cable seal cover	1
35072738	5 mm <sup>2</sup> ISO cable seal cover	

## DIMENSION MEASUREMENT SAMPLE



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.