

SHIELDPACK™

HV CTS280 SI 4 WAY



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 ²)	3 - 5 (power) 0.5 - 0.75 mm (HVIL)
Terminal Type	CTS 2.8
# of Power Terminals	4
Shielding	Individual
HVIL	Shunt on female
Assembly Assurance	CPA
Number of Indexes	2



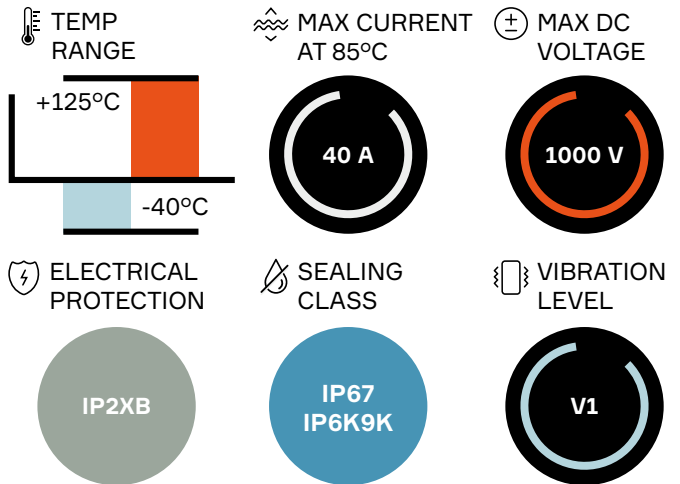
APPLICATIONS

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

See back page for representative part numbers and packaging dimensions.



PERFORMANCE



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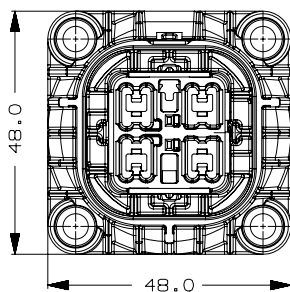
Index	Header outer	Header inner connector	Mating connector	BOM
101	35099959	35099976	33314147	1
102	35161787	35149737	33314148	

ASSOCIATED PARTS

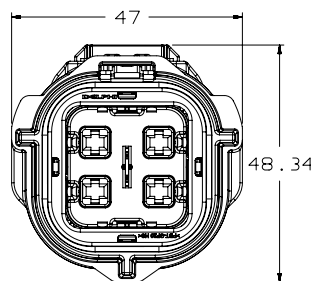
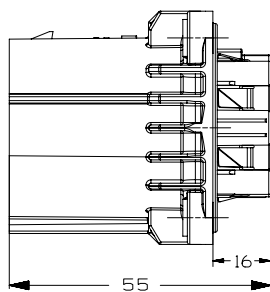
Part number	Description	BOM
Header		
13597855	MTS 0.64 HVIL female terminal 0.5 - 0.75 mm	2
13753471	CTS 2.8 male terminal 3 - 5 mm ²	4
13790534	CTS 2.8 male terminal 4 - 5 mm ²	
33314145	TPA (Terminal Position Assurance)	2
Mating Connector		
13882331	CTS 2.8 female terminal 3 - 5 mm ²	4
13737699	Inner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



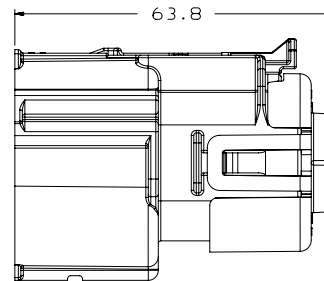
DIMENSION MEASUREMENT SAMPLE



35099959



33314147



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-SP77-HV-En0323