

APEX[®] HV280



APEX[®] HV280 2 Way

APEX[®] HV280 BENEFITS

- Two-stage disconnect for safe unmating
- Compact package with unique integrated electric interlock

APEX[®] HV280 FEATURES

- Bundle shielding with external braid
- HVIL shunted in harness connector
- Dual sealing connection system: mated & unmated header
- Two HV power circuits (APEX[®] 2.8 mm terminal)



AVAILABLE CONFIGURATIONS

Connector Type	Wire-to-device
Cable Exit Orientation	180°
Cable Range	2.5 - 6 mm ² power circuit; 0.5 - 0.75 mm ² HVIL circuit
Terminal Type	Apex 2.8
# of Power Terminals	2
Shielding	Bundle
HVIL	Shunt on female
Assembly Assurance	CPA
Number of Indexes	2



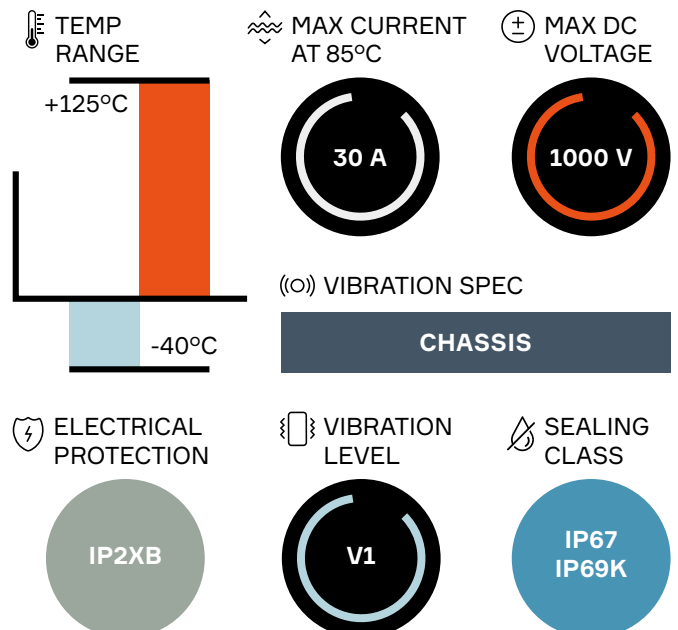
APPLICATIONS

Electric AC, HV heater, DC/DC converter, other HV auxiliary devices

See back page for representative part numbers and packaging dimensions.



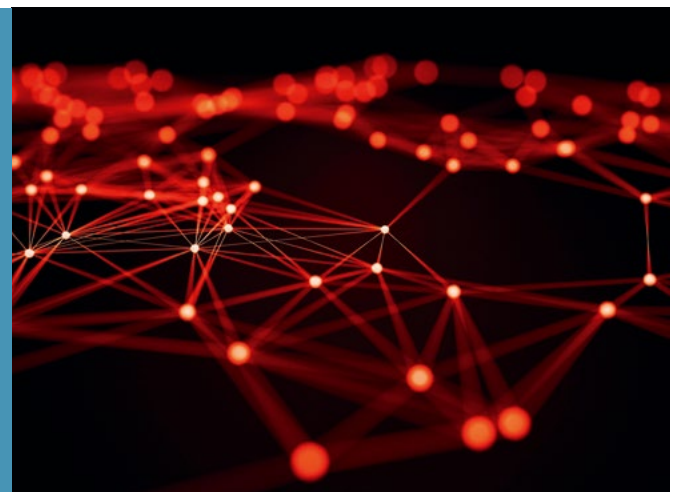
TECHNICAL CHARACTERISTICS



About Aptiv

Aptiv is a global technology company that develops safer, greener and more connected solutions enabling the future of mobility. Headquartered in Dublin, Aptiv has approximately 150,000 employees and operates 14 technical centers, as well as manufacturing sites and customer support centers in 45 countries.

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PART NUMBERS

Index	Header Connector	Mating Information
		HV Connector
1	33511766	33517428
2	33511767	33511765



ASSOCIATED PARTS

for Header

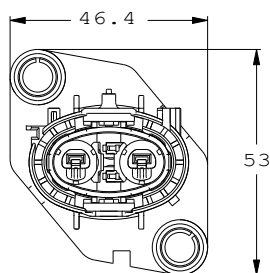
Part number	Description
15516298	APEX 2.8 Male terminal 4 - 6 mm ²
15509074	APEX 2.8 Male terminal 2.5 mm ²
10779703	HVIL - interlock DCS2 1.5 gold-plated Male terminal 0.5 - 1.0 mm ²
33511802	HVIL - interlock DCS2 1.5 gold-plated Male terminal 0.22 - 0.35 mm ²
33512180	APEX 2.8 Female & Male SWS 2.5 mm ²
33512175	APEX 2.8 Female & Male SWS red 4 mm ²
35289308	APEX 2.8 Female & Male SWS 6 mm ²
15441379	DCS 1.5 Male SWS red 0.22 - 0.5 mm ²
15441380	DCS 1.5 Male SWS grey 0.75 - 1.0 mm ²

for Mating Part

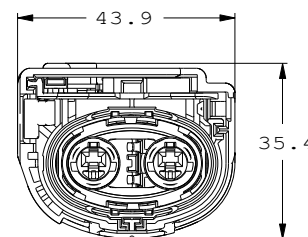
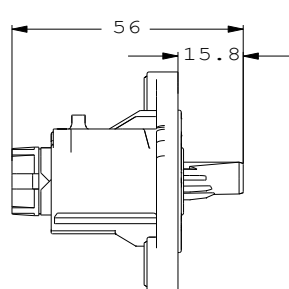
Part number	Description
10810733	APEX 2.8 Female terminal 4 - 6 mm ²
13627267	APEX 2.8 Female terminal 2.5 mm ²
33512175	APEX 2.8 Female & Male SWS red 4 mm ²
33512180	APEX 2.8 Female & Male SWS 2.5 mm ²



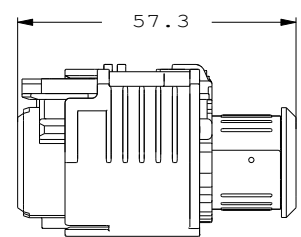
DIMENSION MEASUREMENT SAMPLE



33511766



33517428



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-SP102-HV-En0319