

SHIELDPACK™

HV APEX280 SI 4 WAY



BENEFITS

- High endurance against vibration
- Compliant to LV standard

FEATURES

- 280 terminal system & 0.64 HVIL
- Flammability grade UL94 V0
- Sealing: IP6K9K , IP67, IPXXB, IPXXD (mated)

AVAILABLE CONFIGURATIONS

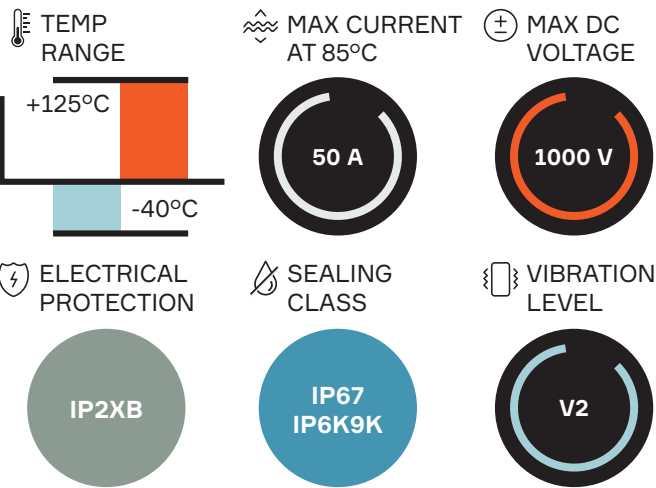
Connector Type	Wire-to-device
Cable Exit Orientation	90°/180°
Cable Range (mm²)	2.5-6
Terminal Type	APEX® 2.8
# of Power Terminals	4
Shielding	Individual
HVIL	Shunt on female
Assembly Assurance	CPA/TPA
Number of Indexes	4
Header footprint 90deg (l*w*h)	54.8*50.9*54.7
Header footprint 180deg (l*w*h)	46*46*40.4

APPLICATIONS

- Electric AC
- HV Heater
- OBC/Auxiliary Devices

See back page for representative part numbers and packaging dimensions.

PERFORMANCE



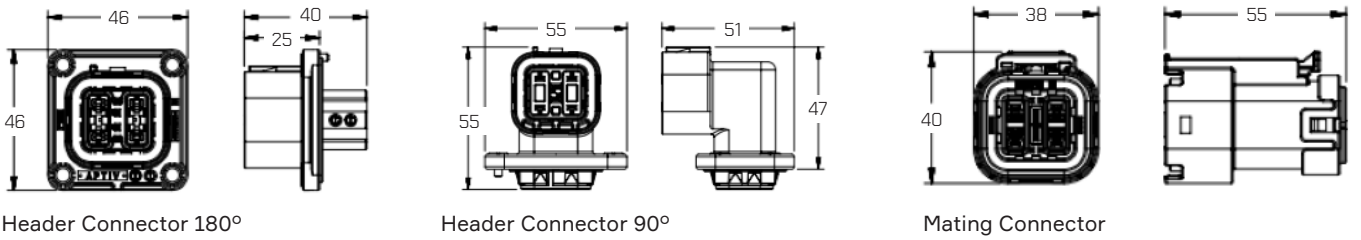
CONNECTOR PART NUMBERS

Index	Header connector 90°	Header connector inner housing 90°	Header connector 180°	Header connector inner housing 180°	Mating connector	BOM
A	35607793	35607811	35607572	35607604	35607516	1
B	35607794	35607812	35607573	35607605	35607517	1
C	35607795	35607813	35607574	35607606	35607519	1
D	35607796	35607814	35607576	35607607	35607521	1

ASSOCIATED PARTS

Part number				Description	BOM
Header 90°					
10762803				APEX® 2.8 female terminal Sn plated unsealed 1.5 - 2.5 mm²	4
33370369				APEX® 2.8 female terminal Ag plated unsealed 4 - 6 mm²	4
13959131				CTS 1.2 female terminal	2
Header 180°					
33400512				APEX® 2.8 male terminal 4 - 6 mm² unsealed, Ag plating	4
13959131				CTS 1.2 female terminal	2
Mating Connector					
2.5 mm²	4 mm²	5 mm²	6 mm²		
35663483	35607547	35607548	35607549	Inner Ferrule	4
35663486	35607551	35607553	35607554	Outer Ferrule	4
35663718	35607557	35607558	35607559	Cable seal	4
35663719	35607561	35607562	35607563	Cable retainer	4
10762803				APEX® 2.8 female terminal Ag plated unsealed 1.5 - 2.5 mm²	4
33370369				APEX® 2.8 female terminal Ag plated unsealed 4 - 6 mm²	4

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.

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