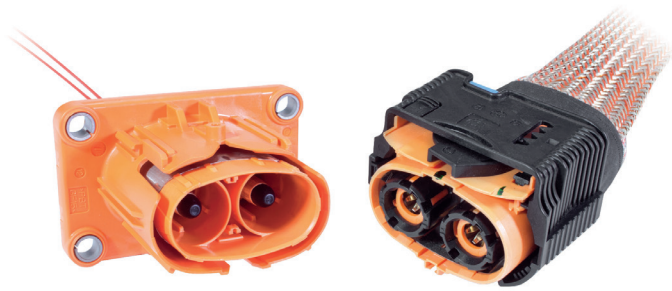# HV RCS 800 2 WAY 180° WITH HVIL

RCS 800 2 way 180° with HVIL

RCS 800 BENEFITS

- Easy to assemble due to the ErgoMate™ Axial Mating Assist System on harness connector
- Compact package with unique integrated electric interlock

RCS 800 180° WITH HVIL FEATURES

- Bundle shielding with external braid
- Dual sealing connection system: mated and unmated header
- Panel mount to device with face seal to module
- Two-stage disconnect for safe unmating

AVAILABLE CONFIGURATIONS

Connector Type	Wire-to-device
Cable Exit Orientation	180°
Cable Range (mm²)	35 - 50 power circuit; 0.5 - 0.75 HVIL
Terminal Type	8 mm round contact system
# of Power Terminals	2
Shielding	Bundle
HVIL	Shunt on female
Assembly Assurance	CPA
Number of Indexes	2
Header Footprint (mm)	83 x 53

APPLICATIONS

Inverter, battery, junction box, and power electric box

TECHNICAL CHARACTERISTICS

TEMP RANGE
+125°C
-40°C

MAX CURRENT AT 85°C
210 A

MAX DC VOLTAGE
1000 V

VIBRATION SPEC
CHASSIS

ELECTRICAL PROTECTION
IP2XB

VIBRATION LEVEL
V1

SEALING CLASS
IP67 IPX9K
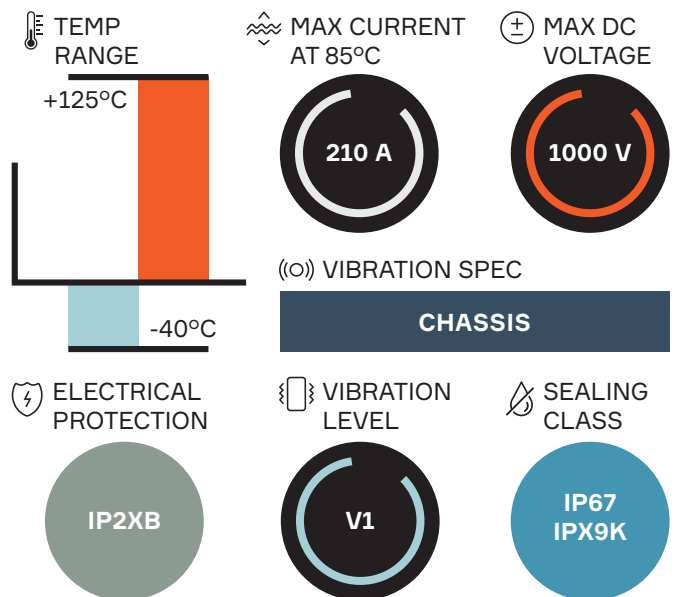
See back page for representative part numbers and packaging dimensions.

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.

Visit **aptiv.com**

• A P T I V •

▥ PART NUMBERS

Index	Header Connector	Mating Information	
		HV Connector	
1	33511764	13974469	
2	33511762	33511761	

## 🔗 ASSOCIATED PARTS

Header

| Part number	Description
33512193	RCS 800/890 male pin terminal silver version standard length
33511746	RCS 800/890 male pin terminal silver version V1 length
33511747	RCS 800/890 male pin terminal silver version V2 length
10779703	HVIL- Interlock DCS2 1.5 gold-plated male terminal 0.5 - 1.0 mm²
15441379	DCS 1.5 male red single wire seal 0.22 - 0.5 mm²
15441380	DCS 1.5 male grey single wire seal 0.75 - 1.0 mm²
35084586	Cable seal device for 50 mm²

Mating Connector

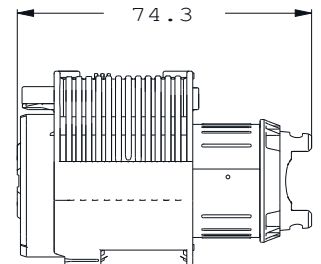| Part number	Description
13893887	RCS 800 female terminal silver version 35 - 50 mm²
13893889	RCS 800 female retainer (plug)
13893888	RCS 800 female 35 - 40 mm² (plug)
13923559	RCS 800 female 50 mm² (plug)
35099247	Cable seal device for 35 mm²
35092416	Tube
15549848	DSQ 1.5 female Ag

DIMENSION MEASUREMENT SAMPLE
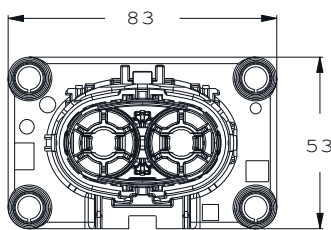
33511764
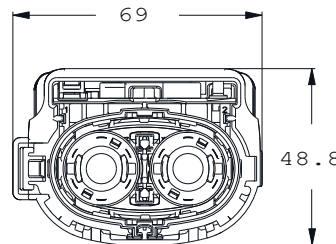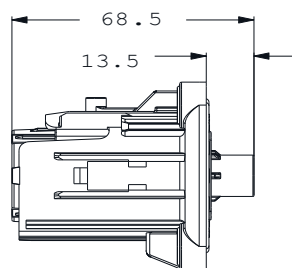
13974469

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-SP93-HV-En0319

● A P T I V ●