

NanoPack™ CTS

SEALED SERIES AK



NanoPack™ CTS 8W Female



AVAILABLE CONFIGURATIONS

Cavity Count (ways)	8, 12*
Cavity Configurations (mm)	0.5
Cable range (mm ²)	0.13 - 0.35
Genders	Female
TPA Type	Pre-assembled ASL**
CPA	Optional
Sealing Type	Multi wire mat seal
Centerline Spacing (mm)	1.8
Specification	VW75174-LV214; IEC68; DIN: IEC60512; EN60068

* Other cavities available, please consult us

** ASL – Active Secondary lock



APPLICATIONS

Mid and short range radars, Cameras, Tire pressure sensors exposed to humidity and liquid splashes

BENEFITS

- Connector Position Assurance (CPA) is optional for 8W version. Optimized space saving version without CPA, bottom or top locking latch possible
- Housings & terminals are designed as per VDA/AK guidelines

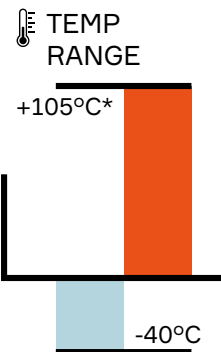
FEATURES

- Designed for high temperatures and vibration profiles
- Aptiv is responsible for the sealed 0.5 footprint at VDA/AK
- Ergonomic handling and touching surface as per manual mating guideline (USCAR)



TECHNICAL CHARACTERISTICS

Mating force	75 N
Contact pull out force	≥ 25 N primary ≥ 35 N secondary
Contact insertion force	~ 2 N
Automated terminal insertion	Capable & compatible



* Peak temperature: 130°C



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.

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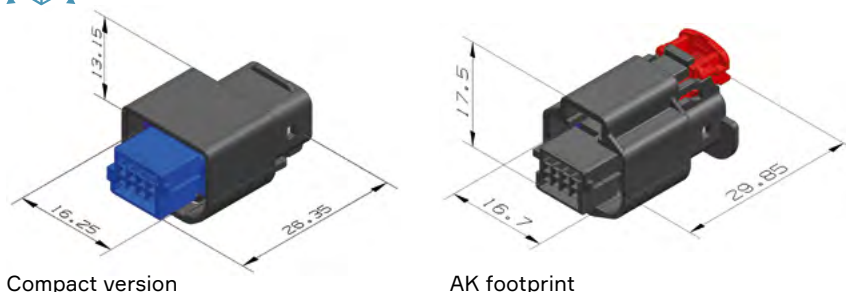
• **APTIV** •

Cavity count	Blade size (mm)	Gender	AK footprint	Dimensions W x H x L (mm)	Part number	Index	Color
8	0.5	F	Yes	16.7 x 17.5 x 29.85	35364118	A	Black
8	0.5	F	Yes	16.7 x 17.5 x 29.85	35371049	B	Black
8	0.5	F	Yes	16.7 x 17.5 x 29.85	35371050	C	Black
8	0.5	F	No	16.25 x 13.15 x 26.35	35355142	A	Black
8	0.5	F	No	16.25 x 13.15 x 26.35	35355143	B	Black
8	0.5	F	No	16.25 x 13.15 x 26.35	35355144	C	Black
12	0.5	F	Yes	20.3 x 17.5 x 29.85	35511141	A	Black

REQUIRED ACCESSORIES

Type	Color	Angle	Part number
Cover	Black	180°	Consult us
Cover	Black	90° right	Consult us
Cover	Black	90° left	Consult us

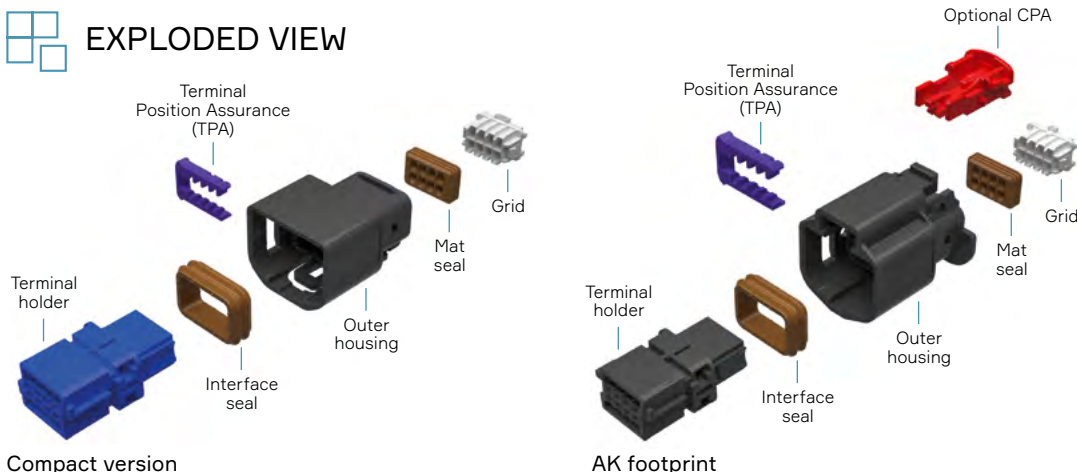
DIMENSION MEASUREMENT SAMPLE



Compact version

AK footprint

EXPLODED VIEW



Compact version

AK footprint

COMPATIBLE WITH



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-SP132-CTS-En1220