

CTS 1.2 SensoMate™ SERIES

VDA interface

USCAR interface



BENEFITS

- VDA/USCAR 1.2 mm at 4 mm pitch interface compatible (universal)
- Industry standard 1.2 terminal cavity capability
- Short shroud design for small packaging footprint and long shroud design for easy mating device

FEATURES

- One piece molded housing to ensure best in class sealing performance (short shroud version)
- Increased sealing performance through a unique 3 rib robust seal design (175°C version)
- Patented Smart Locking System version of the CPA to improve assembly cycle time (short shroud version)
- Compatible with wire dress back shells (short shroud version)



AVAILABLE CONFIGURATIONS

Cavity Count (ways)	2, 3, 4, 5, 6
Cavity Configurations (mm)	1.2
Genders	Female, Male (2-4W only)
Sealing Type	Cable Sealed
Centerline Spacing (mm)	4.0
Indexes	Varies, See Part List
TPA Type	Independent Secondary Lock (ISL)
CPA	Yes
Validation	GMW 3191; RND5-B-00029 V.2 for short shroud; Others please consult us

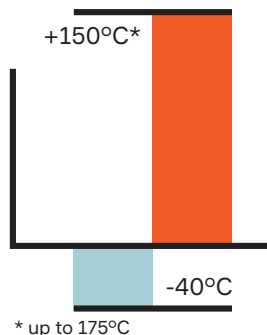


APPLICATIONS

Chassis, Engine compartment, On-Engine-Mount, Severe Gearbox Applications, Sensors/Actuators



TEMPERATURE



VIBRATION



VOLTAGE CLASS



SEALING CLASS



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.

Visit aptiv.com



• APTIV •

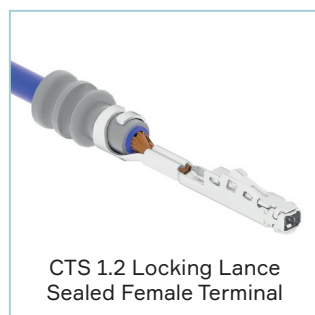
Cavity count	Gender	Dimensions W x H x L (mm)	Part number	Temperature class	Index	TPA Color	Other indexes offered	Shroud
2	F	15.2 x 15 x 29.5	35126363	150°C	A	Gray	B, C	Short
3	F	19.2 x 15 x 29.5	35126369	150°C	A	Gray	B, C, D	Short
4	F	24.5 x 16.3 x 29.5	35126375	150°C	A	Gray	B, C, D, F, G	Short
5	F	28.5 x 16.3 x 29.5	35126383	150°C	A	Gray	B	Short
6	F	32.5 x 16.3 x 29.5	35020435	150°C	A	Gray	B, C, E	Short
2	F	15.2 x 15 x 29.5	35425008	150°C	A	Black	-	Short
3	F	19.2 x 15 x 29.5	35425009	150°C	A	Black	C	Short
4	F	24.5 x 16.3 x 29.5	35425010	150°C	A	Black	-	Short
5	F	28.5 x 16.3 x 29.5	35425011	150°C	A	Black	-	Short
6	F	32.5 x 16.3 x 29.5	35425012	150°C	A	Black	-	Short
2	F	15.2 x 15 x 29.5	35449381	175°C	A	Black	B, C	Short
3	F	19.2 x 15 x 29.5	35449383	175°C	A	Black	B, C, D	Short
4	F	24.5 x 16.3 x 29.5	35449387	175°C	A	Black	B, C, D, F, G	Short
5	F	28.5 x 16.3 x 29.5	35449388	175°C	A	Black	B	Short
6	F	32.5 x 16.3 x 29.5	35449389	175°C	A	Black	B, C, E	Short
2	F	25.1 x 18.7 x 32.8	35197898	150°C	A	Black	B, C, and USCAR* E, F	Long with clip slot
2	F	25.1 x 14.6 x 32.8	35242147	150°C	A	Black	B, C, and USCAR* E, F	Long without clip slot
3	F	25.1 x 18.7 x 32.8	35183826	150°C	A	Black	B, C, D	Long with clip slot
3	F	25.1 x 14.6 x 32.8	35242152	150°C	A	Black	B, C, D	Long without clip slot
4	F	30.1 x 19.8 x 32.8	35197926	150°C	A	Black	B, C, and USCAR* E, F and G	Long with clip slot
4	F	30.1 x 15.7 x 32.8	35242158	150°C	A	Black	B, C, and USCAR* E, F and G	Long without clip slot
2	M	18.8 x 15.4 x 46.8	35147458	150°C	A	Green	B, C, and USCAR* E, F	Not Applicable
3	M	18.8 x 15.4 x 46.8	35148571	150°C	A	Green	B, C, D	Not Applicable
4	M	24.1 x 16.5 x 46.8	35147457	150°C	A	Green	B, C, and USCAR* E, F and G	Not Applicable

* USCAR interface on device

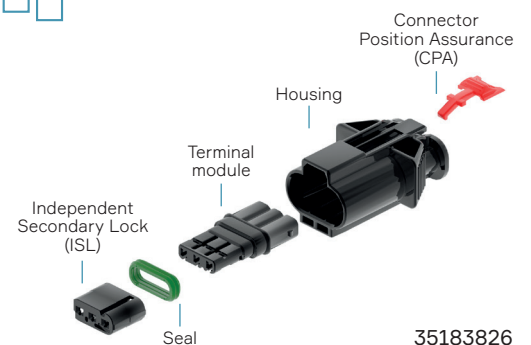
COMPATIBLE SEALS AND ACCESSORIES

Type	Applicable wire size (mm ²)	Color	Angle	Part number	Version
Cable Seal	0.22 - 0.35	Red	-	15327913	
Cable Seal	0.5 - 0.75	Gray	-	15327918	
Cable Seal	1.0	Maize	-	15339412	
Fixing clip for male housing slot	-	Black	-	33119512	USCAR 7 mm
Back shell	-	-	lateral 90°, up / down 90°, 0°	Consult us	on short shroud

COMPATIBLE WITH



EXPLODED VIEW



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-SP54-CTS-En0621

• **APTIV** •

aptiv.com | © 2021 Aptiv. All rights reserved