

CTS 1.2 SensoMate™ SERIES

CTS 1.2 3W F short shroud CPA Type 2



CTS 1.2 3W F short shroud CPA Type 1



Male 3W



CTS 1.2 3W F long shroud



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; RNDS-B-00029 V.2 for short shroud; Others please consult us



APPLICATIONS

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

BENEFITS

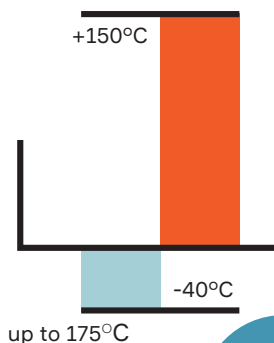
- VDA/USCAR 1.2 mm at 4 mm pitch interface compatible (universal)
- Industry standard 1.2 terminal cavity capability
- Short shroud design for small packaging footprint and long shroud design for easy mating device

FEATURES

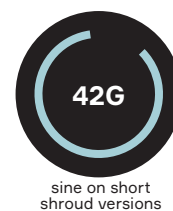
- One piece molded housing to ensure best in class sealing performance (short shroud version)
- Increased sealing performance through a unique 3 rib robust seal design (175°C version)
- Patented Smart Locking System version of the CPA to improve assembly cycle time (short shroud version)
- Compatible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



TEMPERATURE



VIBRATION



SEALING CLASS



See back page for representative part numbers and packaging dimensions.

About Aptiv

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Cavity count	Blade size	Gender	Part number	Temperature Class	CPA	Shroud	Clip Slot	Dimensions (W x H x D)	Index	Other Indexes offered				
2	1.2	F	35126363	150°C	Type 1	Short	No	15.2 x 15 x 29.5	A	B, C				
3			35126369					19.2 x 15 x 29.5	A	B, C, D				
4			35126375					24.5 x 16.3 x 29.5	A	B, C, D, F, G				
5			35126383					28.5 x 16.3 x 29.5	A	B				
6			35020435					32.5 x 16.3 x 29.5	A	B, C, E				
2			35387382					175°C	Type 2	15.2 x 15 x 26	A	B, C		
3			35387389	19.2 x 15 x 26	A					B, C, D				
2			35449381	15.2 x 15 x 29.5	A					B, C				
3			35449383	175°C	Type 1			19.2 x 15 x 29.5	A	B, C, D				
4			35449387					24.5 x 16.3 x 29.5	A	B, C, D, F, G				
5			35449388					28.5 x 16.3 x 29.5	A	B				
6			35449389					32.5 x 16.3 x 29.5	A	B, C, E				
2			35747313					150°C	Yes	Long	No	25.2 x 14.6 x 32.8	A	B, C, E, F
3			35748524									26.2 x 14.6 x 32.8	A	B, C, D
4		35748643	30.2 x 15.6 x 32.8	A	B, C, D, E, F, G, H									
2		35747322	25.2 x 18.8 x 32.8	A	B, C, E, F									
3		35748527	Yes	25.2 x 18.8 x 32.8	A	B, C, D								
4		35748651		30.2 x 19.9 x 32.8	A	B, C, E, F, G								
2		35147458		150°C	Not Applicable	Yes	18.8 x 15.4 x 46.8				A	B, C, USCAR* E, F		
3		35148571					18.8 x 15.4 x 46.8				A	B, C, D		
4	35147457	24.1 x 16.5 x 46.8	A				B, C, USCAR* E, F, G							

* USCAR interface on device

COMPATIBLE SEALS AND ACCESORIES

Type	Applicable Wire Size (mm²)	Color	Restraint Ring	Part Number
				
Cable Seal	0.13 - 0.35	Black	No	33120594
Cable Seal	0.35 - 0.5	Red	No	15327913
Cable Seal	0.5 - 1.0	Gray	No	15327918
Cable Seal	1.0 - 1.25	Yellow	No	15339412
Cavity Plug	NA	White	No	12198198
				
Cable Seal	0.13 - 0.35	Yellow	Yes	13887349
Cable Seal	0.5 - 1.0	Green	Yes	13887350
Cavity Plug	NA	Blue	Yes	13887353
Fixing clip for male housing slot**	NA	Black	NA	33119512
Back shell***	NA	-	NA	Consult us

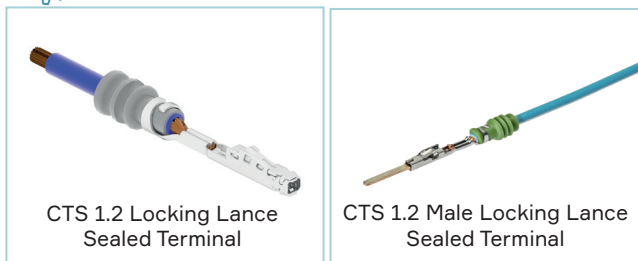
Other cable seals and cavity plugs available, please consult us

** USCAR 7 mm

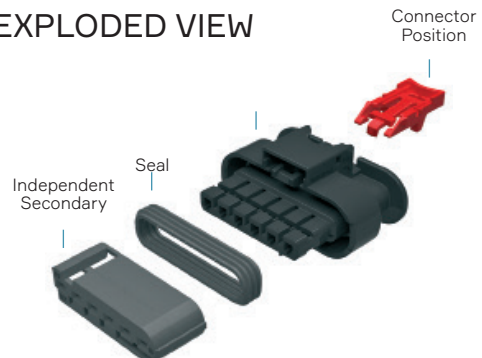
*** Lateral 90°, up/down 90°, 0°



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.

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