

Introduction





MCON Interconnection System offers High Reliability for Long Term Use



The New Generation MCON Connector System is designed for electronic and electrical applications in motor vehicles.

It fullfils all requirements for a connector system for use in automobiles and covers a wide range of applications.

MCON Contact System

- Base material with high current capacity
- 8 defined contact points for increased reliability
- Improved vibration resistance
- Good guiding inside the cavity
- Protected contact spring due to the closed box
- Overstress protection of the contact springs
- Box with polarization and secondary locking feature
- Protected locking lance

MCON Connectors

- High reliability status supported for long term use
- High vibration level supported
 Perfect design to avoid quality problems, reduce manufacturing and service cost
- Integrated secondary locking device delivered in pre-locked position
- Wire-to-wire sealed and unsealed connectors (SWS)
- Wire-to-board sealed and unsealed connectors (SWS)
- Polarization, several keyings
- Locking mechanism for smaller connectors/mating aid for higher numbers of ways

Engineering Notes

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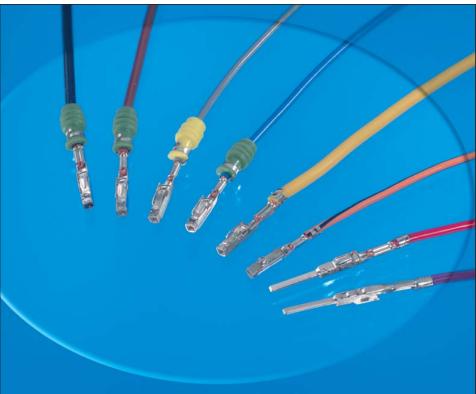


MCON Interconnection System Contact System

Introduction



MCON Tabs and Receptacles for Fast and Economical Application



The MCON New Generation Contact System is mainly used in the automotive industry. Each contact consists of a flat receptacle, which mates with a flat tab. Base material of contact spring and body is copper alloy.

The two-piece contact design means that the electrical and mechanical properties are separated. One end of the contact body is crimped to wire and the other end mates with the matching tab.

- Protection of the contact springs
- No over elongation of the contact springs possible under normal circumstances
- No possibility to connect
- from the rear side Protection against
- mechanical damageGood guiding in the cavity
- Secondary locking possible (from 3 directions)
- Assembly into housing fully-automatically

The Main Advantages of the MCON Contact System are:

- Base material with high current capacity
- 8 or more defined contact points for increased reliability
- Improved vibration resistance
- Good guiding inside the cavity
- Protected contact spring due to the closed box
- Overstress protection of the contact springs
- Box with secondary locking feature
- Protected locking lance

Tabs and receptacles can be applied in both sealed and unsealed connectors.

MCON contacts can be fast and economically arranged to the lead using Tyco Electronics application tooling.



Receptacle Contacts – Locking Lance (LL)

Technical Features

Contact Material: CuSn 0.15/0.2; Insert Spring: CuNiSi

Contact Finish: Tin-silver plated, selective silver plated, selective gold plated

Wire Size Range: 0.14-0.22 mm², 0.25-0.35 mm², 0.50-0.75 mm², 1.00-1.50 mm²

Current Carrying Capacity: up to 20 Ampere (at 20 °C ambient temperature)

Temperature Range: -40 °C ... +140 °C (tin-silver plated) -40 °C ... +140 °C (silver plated) -40 °C ... +150 °C (gold plated)

Contact Resistance: New State $\leq 2 \text{ m}\Omega$

Mating Cycles:•

up to 20 cycles (tin-silver plated) up to 50 cycles (silver plated) up to 100 cycles (gold plated)

Dimension of Male Contacts: $(1.2 \pm 0.1 \times 0.6 \pm 0.03 \text{ mm})$

Extraction Tool: Part No. 5-1579007-3

Mating Force:

Max. 5 N

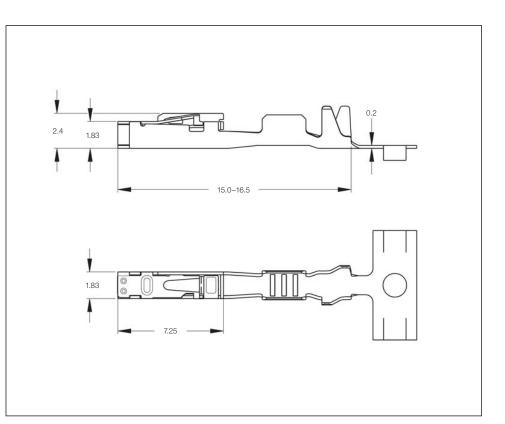
Unmating Force: Max. 2.5 N

Product Group Drawing: 1452674

Product Specification: 108-18782

Application Specification: 114-18464

 Mating Cycles are depending on various technical influences and must be clarified in each individual case.



Modular Dimensions (Centerline):

max. 0.75 mm ²	2.5 x 2.5 mm	
max. 1.0 mm ²	2.5 x 3.0 mm	sealed 4.0 x 4.0 mm; sealed staggered 3.5 x 4.0 mm, cavity 3.55 mm diameter
max. 1.5 mm ²	2.5 x 3.5 mm 3.0 x 3.5 mm	sealed 4.5 x 4.5 mm; sealed staggered 4.0 x 4.5 mm, cavity 3.95 mm diameter

Receptacle Contacts – Locking Lance (LL) (continued)

Standard Receptacle Contacts (SRC)

Wire Size	Insulation Diameter (mm)				Part Numbers						
Range			Material and Finish*	Strip	Package	Loose-	Package	A multipatan 🕈	Hand Tool		
(mm²)	FLK	FLR	and Finish	Form	Quantity	Piece	Quantity	Applicator*	Hand Tool		
0.25-0.35	-	1.10–1.75	-1 / -2 / -3	1452653	10,000	1452654	500	x-1528156-x	2063574-x◇		
0.50-0.75	-	1.4–1.9	-1 / -2 / -3	1452656	8,000	1452657	500	x-1528157-x	2063570-x [◊]		
1.0-1.5	-	1.9–2.4	-1 / -2 / -3	1452659	8,000	1452660	500	x-1528159-x	2063575-x [◊]		

Receptacle Contacts with Single Wire Sealing System (SWS)

Wire Size	Insulation Diameter (mm)			Part Numbers						
Range			Material and Finish*	Strip	Package	Loose-	Package			
(mm²)	FLK	FLR		Form	Quantity	Piece	Quantity	Applicator*	Hand Tool	
0.25-0.35	-	1.10–1.75	-1 / -2 / -3	1452665	6,500	1452666	500	x-1528161-x	2063573-x [¢]	
0.50-0.75	-	1.4–1.9	-1 / -2 / -3	1452668	6,500	1452669	500	x-1528162-x	2063537-1	
1.0-1.5	-	1.9–2.4	-1 / -2 / -3	1452671	6,500	1452672	500	x-1528163-x	2119104-1	

*) Material and Finish:

xxx-1 = CuNiSi, pre-tin/silver plated

xxx-2 = CuNiSi, selective gold plated

xxx-3 = CuNiSi, selective silver plated

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Note: All part numbers are RoHS and ELV compliant. The pre- and suffix for the applicators depends on the applied termination equipment.

ne ◇) On request. he oment

Receptacle Contacts with Short Circuit Area

Wire Size	Insulation Diameter					Pai	t Numbers				
Range	(n	חm)	Material and Finish*	Strip	Package	Loose-	Package				
(mm²)	FLK	FLR		Form	Quantity	Piece	Quantity	Applicator *	Hand Tool		
0.5	-	1.4–1.7	-1	1563888	8,000	1563889	500	x-1528944-x	2119105-1		

*) Material and Finish:

xxx-1 = CuNiSi, selective gold plated

Note: All part numbers are RoHS and ELV compliant. •) The pre- and suffix for the applicators depends on the applied termination equipment.



Receptacle Contacts - Clean Body (CB)



Contact Material: CuSn 0.15/0.2; Insert Spring: CuNiSi

Contact Finish: Tin-silver plated, selective silver

plated, selective gold plated Wire Size Range:

0.14–0.22 mm², 0.25–0.35 mm², 0.50–0.75 mm², 1.00–1.50 mm²

Current Carrying Capacity: up to 20 Ampere (at 20 °C ambient temperature)

Temperature Range: -40 °C ... +140 °C (tin-silver plated) -40 °C ... +140 °C (silver plated) -40 °C ... +150 °C (gold plated)

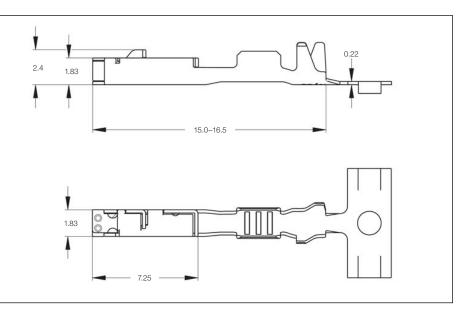
Contact Resistance: New State $\leq 2 \text{ m}\Omega$

Mating Cycles:•

up to 20 cycles (tin-silver plated) up to 50 cycles (silver plated) up to 100 cycles (gold plated) **Dimension of Male Contacts:** $(1.2 \pm 0.1 \times 0.6 \pm 0.03 \text{ mm})$

Extraction Tools depend on the Terminal/Housing Combination - Typically:

Part Nos. **1579007-8** and **1-1579007-0** (Secondary Lock) Mating Force: Max. 5 N Unmating Force: Max. 2.5 N



Modular Dimension max. 0.75 mm ²	2.5 x 2.5 mm	
max. 1.0 mm ²		sealed 4.0 x 4.0 mm;
		sealed staggered 3.5 x 4.0 mm, cavity 3.55 mm diameter
max. 1.5 mm ²	2.5 x 3.5 mm 3.0 x 3.5 mm	sealed 4.5 x 4.5 mm; sealed staggered 4.0 x 4.5 mm, cavity 3.95 mm diameter

x 4.0 mm; ggered 3.5 x 4.0 mm, 5 mm diameter x 4.5 mm;

Product Group Drawing: 1534326

Product Specification: 108-18782

Application Specification: 114-18464

Mating Cycles are depending on various technical influences and must be clarified in each individual case.

Standard Receptacle Contacts (SRC)

Wire Size	Insulation Diameter (mm)			Part Numbers						
Range			Material and Finish*	Strip	Package	Loose-	Package	Applicator *	Hand Tool	
(mm²)	FLK	FLR		Form	Quantity	Piece	Quantity	Applicator		
0.25-0.35	-	1.10–1.75	-1 / -2 / -3	1534594	10,000	1534595	500	x-1528147-x	2119107-x [◊]	
0.50-0.75	_	1.4-1.9	-1/-2/-3	1670144 #	8,000	1670145 #	500	x-1528673-x	2119108-x [◊]	
0.50-0.75	-	1.4-1.9	-1/-2/-3	1394897	8,000	1534063	500	x-1528148-x	2063676-x [◇]	
1.0–1.5	-	1.9–2.4	-1 / -2 / -3	1452503	8,000	1452504	500	x-1528150-x	2063565-x [◊]	

Receptacle Contacts with Single Wire Sealing System (SWS)

Wire Size	Insulation Diameter (mm)				Part Numbers						
Range			Material and Finish*	Strip	Package	Loose-	Package				
(mm²)	FLK	FLR		Form	Quantity	Piece	Quantity	Applicator *	Hand Tool		
0.14-0.22	-	1.05-1.20	-1 / -2 / -3	1418841	6,500	-	-	x-1528151-x	2119109-x [◊]		
0.25-0.35	-	1.10–1.75	-1 / -2 / -3	1418844	6,500	1418845	500	x-1528152-x	2119110-x [◊]		
0.50, 0.75		1410	1/0/0	1670146 #	6,500	1670147 #	500	x-1528674-x	2119111-x [◇]		
0.50-0.75	-	1.4–1.9	-1 / -2 / -3	1418847	6,500	1418848	500	x-1528153-x	2119112-x [◊]		
1.0-1.5	-	1.9–2.4	-1 / -2 / -3	1418850	6,500	1418851	500	x-1528154-x	2119113-x [◊]		
1.0-1.5	-	1.9–2.4	-1 / -2 / -3		-,						

*) Material and Finish:

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xxx-1 = CuNiSi, pre-tin/silver plated xxx-2 = CuNiSi, selective gold plated xxx-3 = CuNiSi, selective silver plated

•) The pre- and suffix for the applicators depends on the applied termination equipment.

◊) On request.

#) CAUTION: Future Strip Form Orders will be replaced. Because of change of the wire crimp at the new Part Nos.

1670144 and 1670146 they will be processed with new crimp heights. See latest Application Specification 114-18464.



MCON Interconnection System MCON-1.2 mm Contact System

Tab Contacts - Locking Lance (LL)

Technical Features

Contact Material: CuNiSi; Insert Tab: CuSn 0.15/0.2

Contact Finish: Tin-silver plated, selective silver plated, selective gold plated

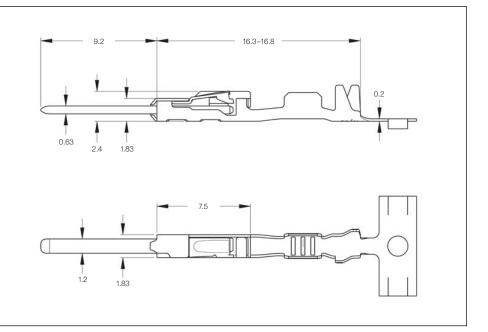
 $\begin{array}{l} \mbox{Wire Size Range:} \\ 0.14-0.22\ mm^2, \\ 0.25-0.35\ mm^2, \\ 0.50-0.75\ mm^2, \\ 1.00-1.50\ mm^2 \end{array}$

Extraction Tool: Part No. 5-1579007-3

Product Group Drawing: 1418754

Product Specification: 108-18782

Application Specification: 114-18464



cavity 3.95 mm diameter

Standard Tab Contacts

Wire Size	Insulation Diameter (mm)			Part Numbers						
Range			Material and Finish*	Strip	Package	Loose-	Package	A		
(mm²)	FLK	FLR		Form	Quantity	Piece	Quantity	Applicator*	Hand Tool	
0.14-0.22	-	1.05-1.20	-1 / -2 / -3	1418756	9,000	1418757	500	x-1528427-x	2119102-x [◊]	
0.25-0.35	-	1.10–1.75	-1 / -2 / -3	1418758	9,000	1418759	500	x-1528428-x	2063574-x◇	
0.50-0.75	-	1.4–1.9	-1 / -2 / -3	1418760	8,000	1418761	500	x-1528506-x	2063570-x◇	
1.0–1.5	-	1.9–2.4	-1 / -2 / -3	1418762	7,000	1418763	500	x-1528507-x	2063575-x [◊]	

Tab Contacts with Single Wire Sealing System (SWS)

Wire Size	Insulation Diameter (mm)			Part Numbers						
Range			Material and Finish*	Strip	Package	Loose-	Package	Ann lineten 🕈	Hand Tool	
(mm²)	FLK	FLR		Form	Quantity	Piece	Quantity	Applicator *	Hand Tool	
0.14-0.22	-	1.05-1.20	-1 / -2 / -3	1718756	6,500	-	-	x-1528508-x	2119103-1	
0.25-0.35	-	1.10–1.75	-1 / -2 / -3	1718758	6,500	1718759	500	x-1528509-x	2063573-x◇	
0.50-0.75	-	1.4–1.9	-1 / -2 / -3	1718760	6,000	1718761	500	x-1528510-x	2063537-1	
1.0–1.5	-	1.9–2.4	-1 / -2 / -3	1718762	6,000	1718763	500	x-1528511-x	2119104-1	

*) Material and Finish:

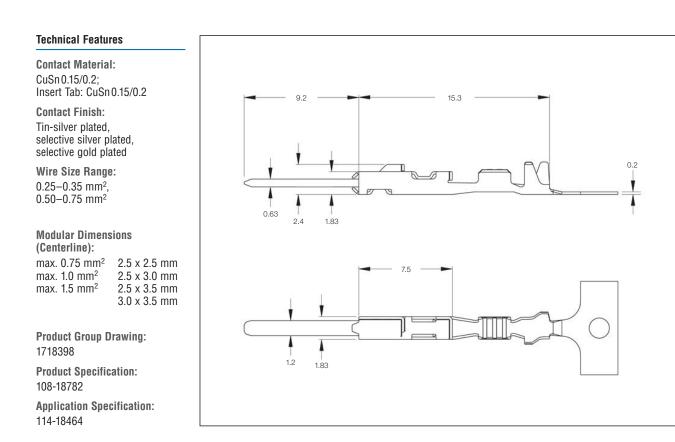
xxx-1 = CuNiSi, pre-tin

xxx-2 = CuNiSi, selective gold plated xxx-3 = CuNiSi, selective silver plated Note: All part numbers are RoHS and ELV compliant. The pre- and suffix for the applicators depends on the applied termination equipment. $^{\diamond})$ On request.



MCON Interconnection System MCON-1.2 mm Contact System

Tab Contacts - Clean Body (CB)



Standard Tab Contacts

Wire Size	Insulation Diameter								
Range	ı)	nm)	Material and Finish*	Strip	Package	Loose-	Package	A	11
(mm²)	FLK	FLR		Form	Quantity	Piece	Quantity	Applicator *	Hand Tool
0.25-0.35	-	1.10–1.75	-1 / -2 / -3	1718348	9,000	1703698	500	x-1528156-x	2063574-x◇
0.50-0.75	-	1.4–1.9	-1 / -2 / -3	1718350	8,000	1718390	500	x-1528157-x	2063570-x [◊]

*) Material and Finish:

xxx-1 = CuNiSi, pre-tin

xxx-2 = CuNiSi, selective gold plated

xxx-3 = CuNiSi, selective silver plated

Note: All part numbers are RoHS and ELV compliant. The pre- and suffix for the applicators depends on the applied termination equipment.

◊) On request.

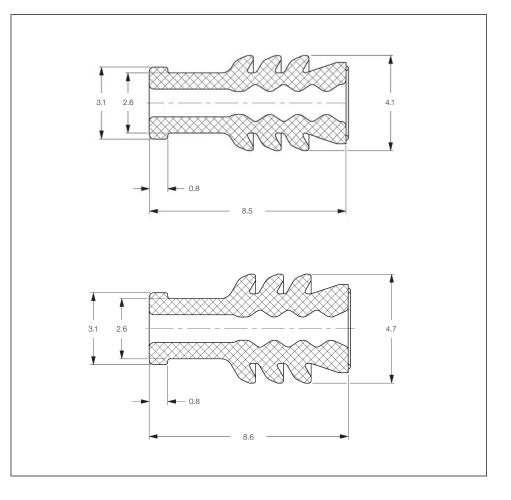
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MCON Interconnection System MCON-1.2 mm Contact System

Single Wire Seals and Sealing Plugs

Single Wire Seals and Sealing Plugs for MCON Contact System (Cavity Diameter 3.55 mm and 3.95 mm)



Cavity Diameter 3.55 mm

Insulation	n Diameter			Dookogo
FLK (mm)	FLR (mm)	Color	Part Number	Package Quantity
-	0.9–1.4	Yellow	967067-2	20,000
-	1.4-2.1	Green	967067-1	20,000
Sealir	ng Plug	Blue	967056-1	5,000

Cavity Diameter 3.95 mm

Insulation	n Diameter			Dookono
FLK (mm)	FLR (mm)	Color	Part Number	Package Quantity
-	0.9–1.9	Gray	963142-2	20,000
-	1.9–2.4	Green	967067-1	20,000
Sealir	ng Plug	White	963143-1	20,000



MCON Interconnection System MCON-2.8 mm Contact System

Receptacle Contacts

Technical Features

Contact Material: CuSn 0.15/0.2; Insertion Spring: CuNiSi

Contact Finish: Tin-silver plated, selective silver plated

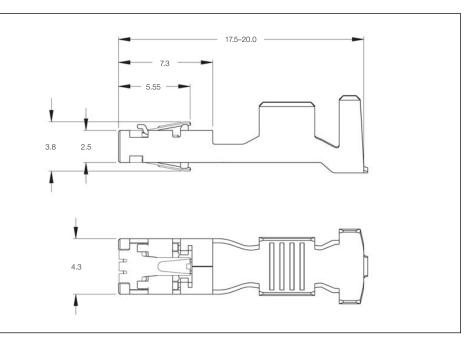
Wire Size Range: 0.20-0.35 mm², 0.50 mm², 0.75-1.00 mm², >1.0-2.5 mm² >2.5-4.0 mm²

Extraction Tool: Part No. 5-1579008-2

Product Group Drawing: 1719797

Product Specification: 108-94002

Application Specification: 114-18718



Modular Dimensions (Centerline):
max. 2.5 mm²5.0 x 5.5 mm
staggered 4.5 x 5.5 mmmax. 4.0 mm²5.5 x 5.5 mm
staggered 5.0 x 5.5 mm

sealed 5.5 x 5.5 mm sealed staggered 5.0 x 5.5 mm cavity diameter 4.9 mm

sealed 7.2 x 7.2 mm sealed staggered 6.0 x 7.2 mm cavity diameter 6.4 mm

Standard Receptacle Contacts

Wire Size	Range and				Part Numbers						
Range			Material and Finish*	Strip	Package	Loose-	Package		11		
(mm²)	FLK	FLR		Form	Quantity	Piece	Quantity	Applicator*	Hand Tool		
0.20-0.35	-	1.15-1.40	-1 / -3	1719836	2,500	1719837	500	x-1528691-x	2119119-x [◊]		
0.50	-	1.4–1.6	-1 / -3	1563719	2,500	1563720	500	x-1528899-x	0110100 vô		
0.75-1.00	-	1.7-2.1	-1 / -3	1719838	2,500	1719839	500	x-1528632-x	2119120-x◇		
>1.0-2.5	-	2.2–3.0	-1 / -3	1719840	2,500	1719841	500	x-1528633-x	2119121-x [◇]		
>2.5-4.0	-	3.4–3.7	-1 / -3	1718475	2,500	1718477	500	x-1528585-x	2119122-x◇		

Receptacle Contacts with Single Wire Sealing System (SWS)

Wire Size	Insulation Diameter (mm)			Part Numbers						
Range			Material and Finish*	Strip	Package	Loose- Piece	Package Quantity	Applicator *	Hand Teal	
(mm²)	n ²) FLK FLR		Form	Quantity	Hand Tool					
0.50	-	1.4–1.6	-1 / -3	1563935	2,500	1563936	500	_	_	
0.75-1.00	-	1.7–2.1	-1 / -3	1670802	2,500	1670803	500	x-1528773-x	2119123-x [◊]	
>1.0-2.5	-	2.2-3.0	-1 / -3	1670804	2,500	1670805	500	x-1528774-x	2119124-x [◊]	
>2.5-4.0	-	3.4–3.7	-1 / -3	1670806	2,500	1670807	500	x-1528775-x	2119125-x◇	

*) Material and Finish:

xxx-1 = CuNiSi, pre-tin/silver plated xxx-3 = CuNiSi, selective silver plated Note: All part numbers are RoHS and ELV compliant. The pre- and suffix for the applicators depends on the applied termination equipment. ◊) On request.

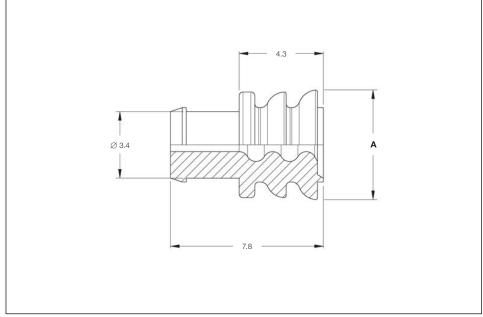
4-10



MCON Interconnection System MCON-2.8 mm Contact System

Single Wire Seals and Sealing Plugs





Cavity Diameter 4.9 mm

Wire Size Range (mm)	Insulation Diameter (mm)	Color	Diameter A (mm)	Part Number	Package Quantity
0.75-1.00	1.4-2.1	Blue	5.6	828904-1	1,000
0.75-1.00	1.4-2.1	Dine	5.6	828904-2	10,000
>1.5–2.5	2.2–3.0	White	5.6	828905-1	10,000
Sealing Plug		Natural	5.6	828922-1	10,000

Cavity Diameter 6.4 mm

Wire Size Range (mm)	Insulation Diameter (mm)	Color	Diameter A (mm)	Part Number	Package Quantity
>2.5-4.0	3.4–3.7	Green	7.2	828985-1	5,000
Sealir	Sealing Plug		7.2	828986-1	5,000

Engineering Notes

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Body & Chassis

Introduction



MCON Connectors offer Highest Reliability for Use in the Automotive Industry



The New Generation MCON Connector System offers receptacle and tab housings with capability for waterproofing and resistance to conditions of extreme vibration.

The system is designed for electronic and electrical applications in motor vehicles, where vibrations and mechanical stress, in the long term, can affect the quality on the contact system.

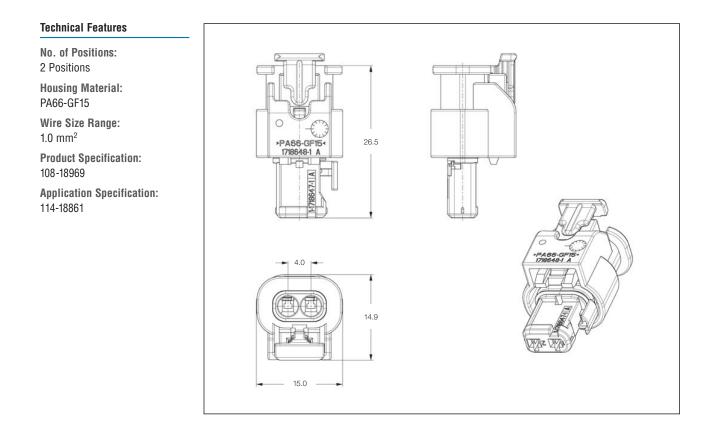
Features

- CPA (Connector Position Assurance) capability
- High reliability status supported for long term use
- High vibration level supported
- Perfect design to avoid quality problems, reduce manufacturing and service cost
- Integrated secondary locking device delivered in pre-locked position

- Wire-to-Wire sealed and unsealed connectors (SWS)
- Wire-to-Board sealed and unsealed connectors (SWS)
- Polarization, several keyings
- Locking mechanism for smaller connectors/mating aid for higher numbers of ways



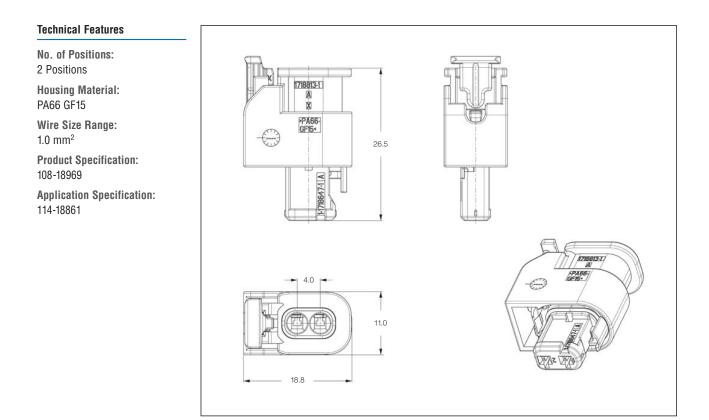
Sealed 1.2 mm Receptacle Housings for Locking Lance Contacts



No. of Keying Positions Options	Kaudiana	Handar			Part Numbers			
	Housing Color	Receptacle Housing	Cover	Mating Tab Housing	Mating PCE Right-Angle	B Header Vertical		
2	A	Black	1-1718643-1	-	-	_	-	



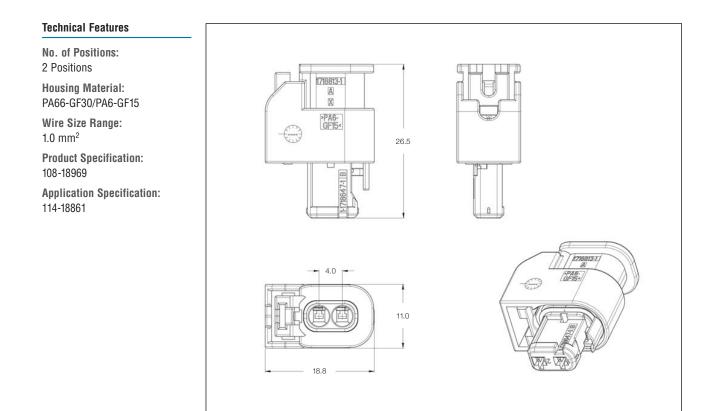
Sealed 1.2 mm Receptacle Housings for Locking Lance Contacts



No. of	Kaudana		Part Numbers					
No. of Positions	Keying Options	Housing Color	Receptacle Housing	Cover	Mating Tab Housing	Mating PCE Right-Angle	Header Vertical	
2	A	Black	1-1718811-1	-	-	-	-	



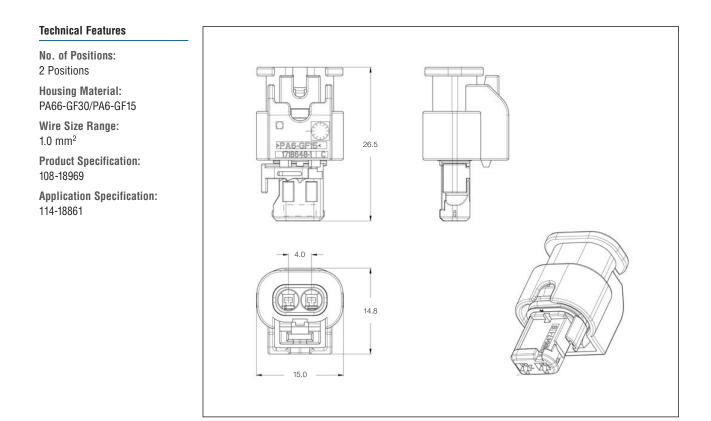
Sealed 1.2 mm Receptacle Housings for Locking Lance Contacts



No. of	Kaudinan	Housing Color					
No. of Keying Positions Options	Options		Receptacle Housing	Cover	Mating Tab Housing	Mating PCE Right-Angle	Header Vertical
2	A	Black	1-1564440-1	-	_	-	-



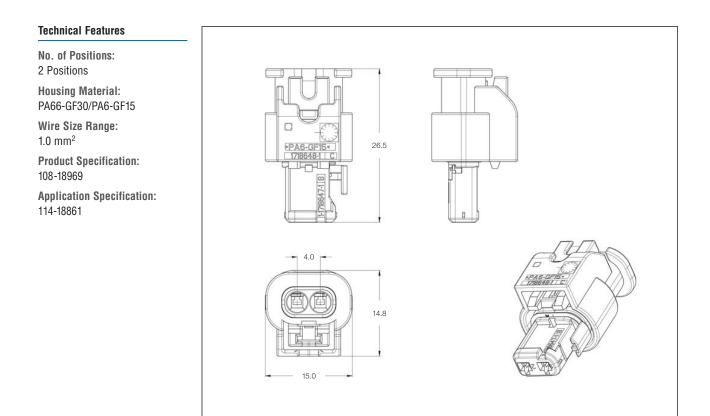
Sealed 1.2 mm Receptacle Housings for Locking Lance Contacts



No. of Keying Positions Options	Kaudana						
	Housing Color	Receptacle Housing	Cover	Mating Tab Housing	Mating PCE Right-Angle	B Header Vertical	
2	A	Black	1-1670915-1	-	-	-	-



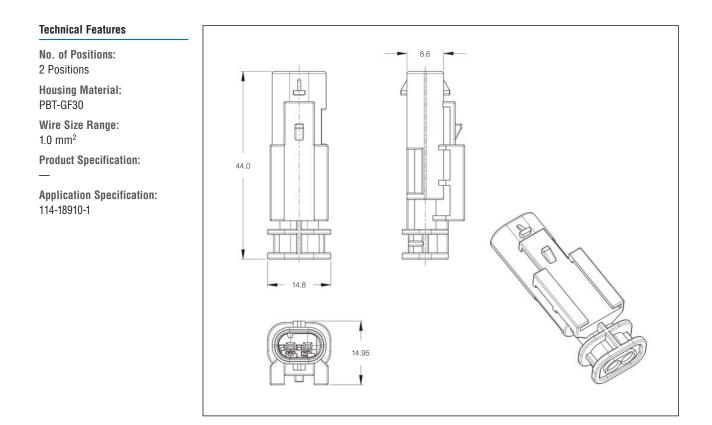
Sealed 1.2 mm Receptacle Housings for Locking Lance Contacts



No. of	Keying Options			Part Numbers					
No. of Positions			Receptacle Housing	Cover	Mating Tab Housing	Mating PCE Right-Angle	B Header Vertical		
0	А	Black	1-1670916-1	-	1-1703498-1	-	-		
2	В	Natural	2-1670916-1	-	-	-	-		



Sealed 1.2 mm Tab Housings for Locking Lance Contacts

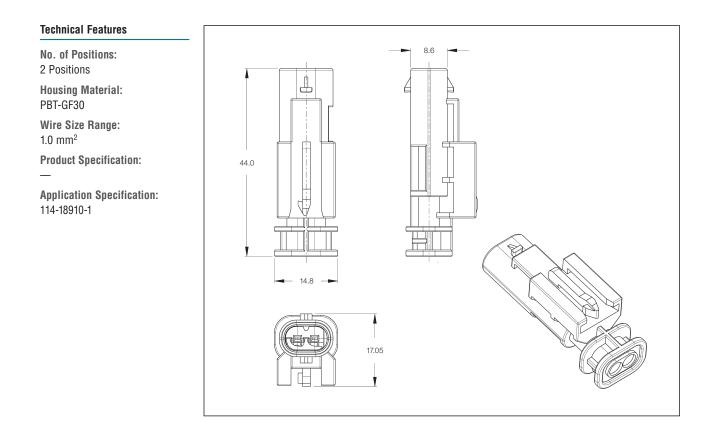


Sealed 1.2 mm Tab Housings

No. of	No. of Keving	H		Part Numbers					
No. of Keying Positions Options	Housing Color	Tab Housing	Cover	Mating Receptacle Housing	Mating PCB Right-Angle	Header Vertical			
2	A	Black	1-1703498-1	-	1-1670916-1	-	-		



Sealed 1.2 mm Tab Housings for Locking Lance Contacts

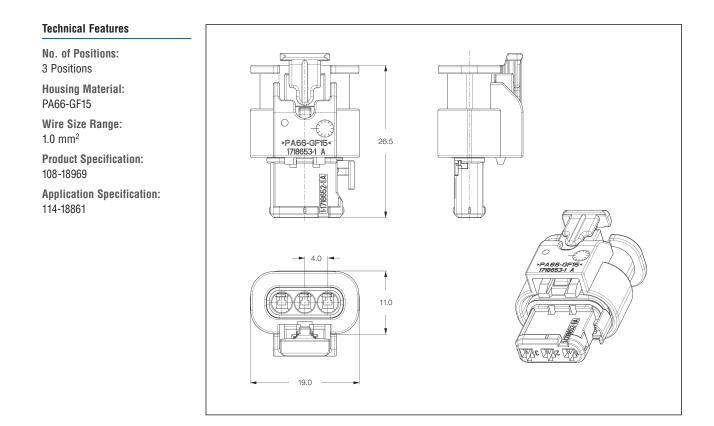


Sealed 1.2 mm Tab Housings

No. of	Kaudinan			Part Numbers					
Positions	Keying Housing s Options Color		Tab Housing	Cover	Mating Receptacle Housing	Mating PCB Right-Angle	Header Vertical		
2	А	Black	1-1703498-2	-	1-1670916-1	-	-		



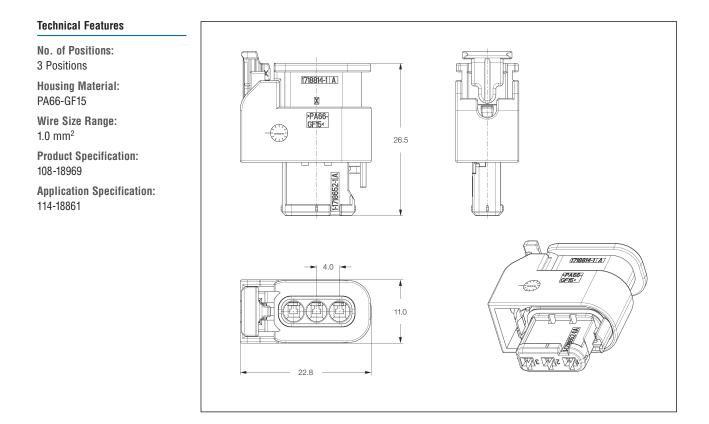
Sealed 1.2 mm Receptacle Housings for Locking Lance Contacts



No. of	Kaudian	Kasima		Part Numbers					
Positions	Keying Options	Housing Color	Receptacle Housing	Cover Mating Tab Housing		Mating PCE Right-Angle	B Header Vertical		
3	А	Black	1-1718644-1	-	-	-	-		



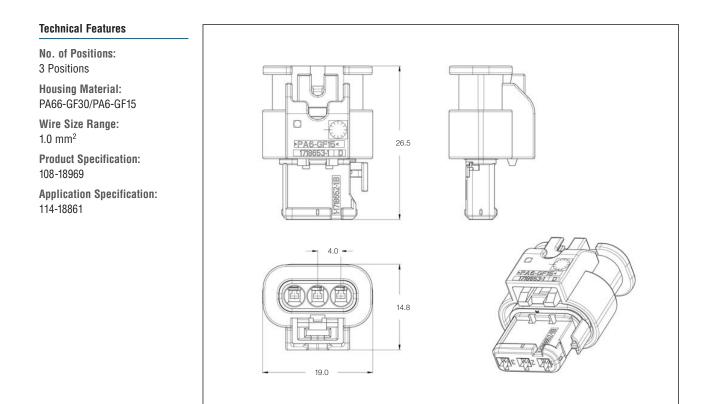
Sealed 1.2 mm Receptacle Housings for Locking Lance Contacts



No. of	Kaudana	Koving	Part Numbers						
Positions	Keying Options	Housing Color	Receptacle Housing	Cover Mating Tab Housing		Mating PCB Header Right-Angle Vertical			
3	A	Black	1-1718812-2	-	-	-	-		



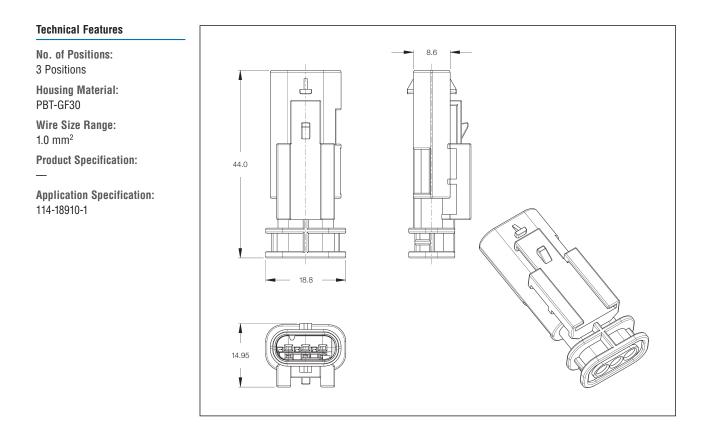
Sealed 1.2 mm Receptacle Housings for Locking Lance Contacts



No. of Positions	Kaudinan			Part Numbers					
	Keying Options	Housing Color	Receptacle Housing	Cover	Mating Tab Housing	Mating PCE Right-Angle	Header Vertical		
2	А	Black	1-1670917-1	-	1-1703494-1	-	-		
	В	Natural	2-1670917-1	-	-	-	-		



Sealed 1.2 mm Tab Housings for Locking Lance Contacts

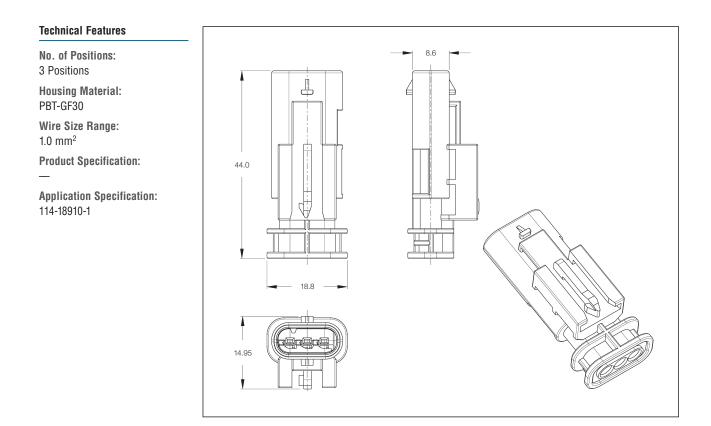


Sealed 1.2 mm Tab Housings

No. of	Kaudinan	H		Part Numbers					
Positions	Keying Options	Housing Color	Tab Housing	Cover	Mating Receptacle Housing	Mating PCB Right-Angle	Header Vertical		
3	А	Black	1-1703494-1	-	1-1670917-1	_	-		



Sealed 1.2 mm Tab Housings for Locking Lance Contacts

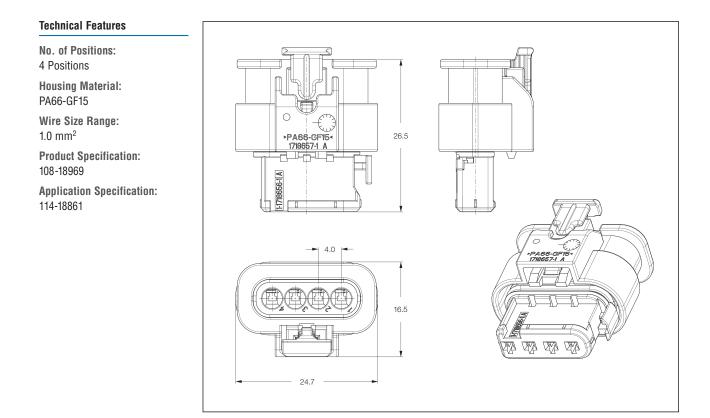


Sealed 1.2 mm Tab Housings

No. of	Kaudinan	Handan		Part Numbers					
Positions	Keying Options	Housing Color	Tab Housing	Cover	Mating Receptacle Housing	Mating PCB Right-Angle	Header Vertical		
3	А	Black	1-1703494-2	-	1-1670917-1	-	-		



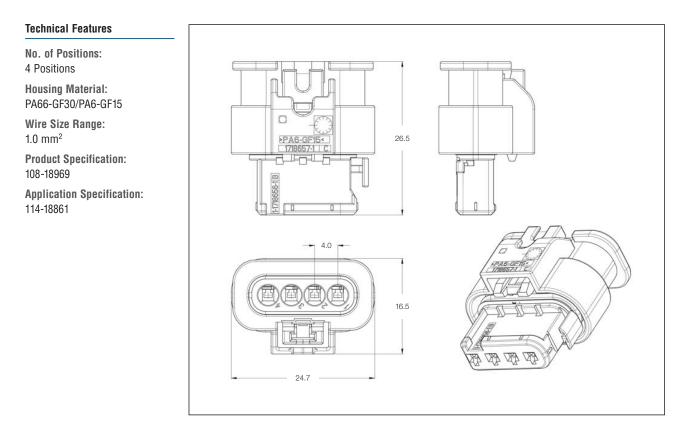
Sealed 1.2 mm Receptacle Housings for Locking Lance Contacts



No. of	Kaudian		Part Numbers					
Positions	Keying Options	Housing Color	Receptacle Housing	Cover Mating Tab Housing		Mating PCB Header Right-Angle Vertical		
4	А	Black	1-1718645-1	-	-	-	-	



Sealed 1.2 mm Receptacle Housings for Locking Lance Contacts



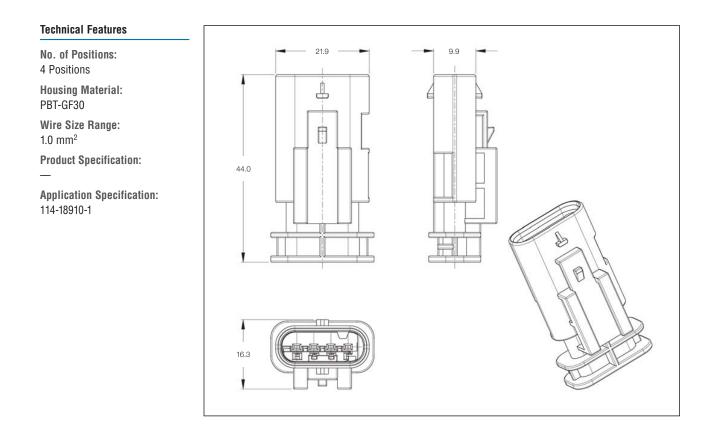
Sealed 1.2 mm Receptacle Housings

No. of Positions	Kaudinan			Part Numbers					
	Keying Options	Housing Color	Receptacle Housing	Cover	Mating Tab Housing	Mating PCE Right-Angle	B Header Vertical		
4	A	Black	1-1670918-1	-	1-1564559-1	-	-		
4	В	Natural	2-1670918-1	-	-	-	-		

All specifications subject to change. Consult Tyco Electronics for latest specifications.



Sealed 1.2 mm Tab Housings for Locking Lance Contacts

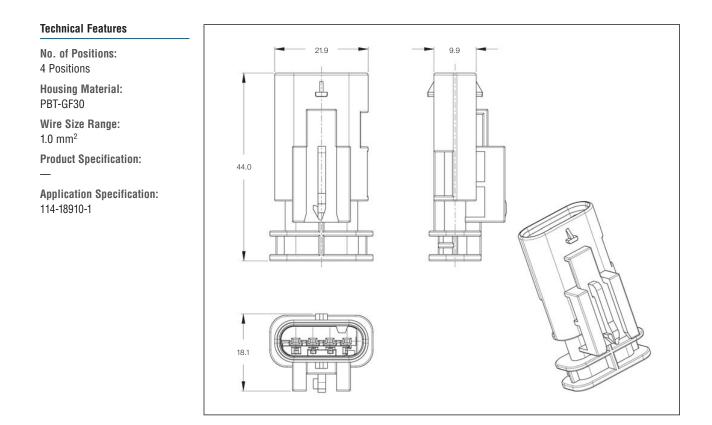


Sealed 1.2 mm Tab Housings

No. of	Kaudana	H		Part Numbers					
Positions	Options	Keying Housing Options Color	Tab Housing	Cover	Mating Receptacle Housing	Mating PCB Right-Angle	Header Vertical		
4	A	Black	1-1564559-1	-	1-1670918-1	-	-		



Sealed 1.2 mm Tab Housings for Locking Lance Contacts



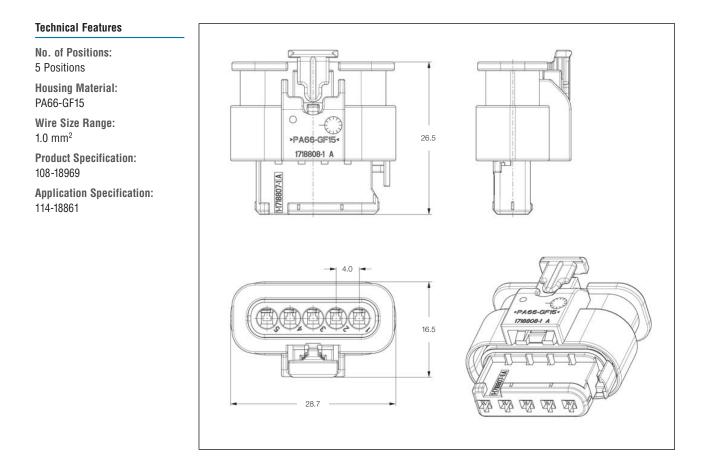
Sealed 1.2 mm Tab Housings

No. of	Kaudinan	Harris and		Part Numbers						
Positions	Keying Options	Housing Color	Tab Housing	Cover	Mating Receptacle Housing	Mating PCB Right-Angle	Header Vertical			
4	A	Black	1-1564559-2	-	1-1670918-1	_	-			

All specifications subject to change. Consult Tyco Electronics for latest specifications.



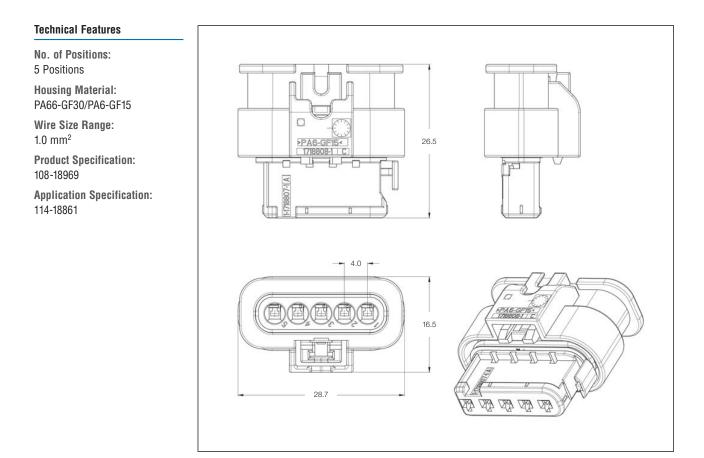
Sealed 1.2 mm Receptacle Housings for Locking Lance Contacts



No. of	Kaudiana	Harris a		Part Numbers						
No. of Positions	Keying Options	Housing Color	Receptacle Cover Housing	Mating Tab Housing	Mating PCE Right-Angle	Header Vertical				
5	A	Black	1-1718806-1	-	-	-	-			



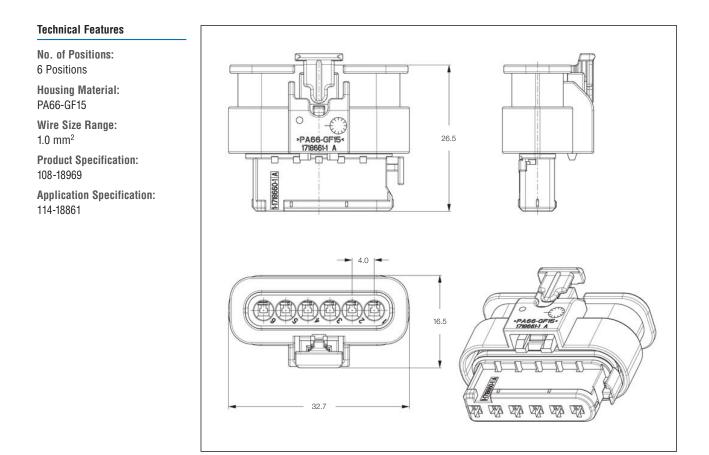
Sealed 1.2 mm Receptacle Housings for Locking Lance Contacts



No. of	Kaudian	II		Part Numbers					
No. of Positions	Keying Options	Housing Color	Receptacle Housing	Cover	Mating Tab Housing	Mating PCE Right-Angle	Header Vertical		
5	А	Black	1-1670921-1			_			
5	В	Natural	2-1670921-1	-	-	-	-		



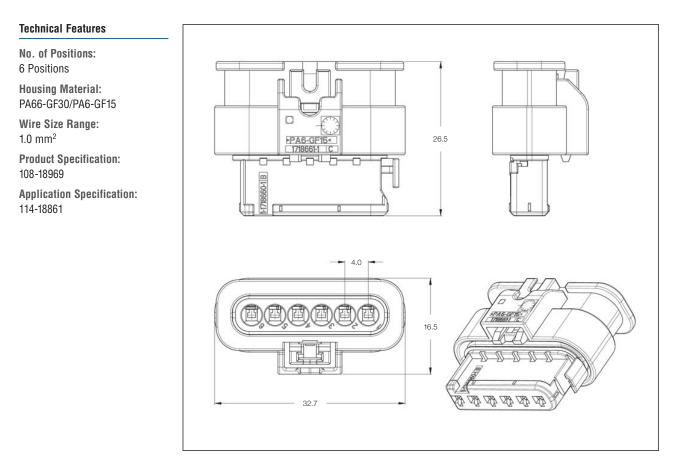
Sealed 1.2 mm Receptacle Housings for Locking Lance Contacts



No. of				Part Numbers					
No. of Positions	Keying Options	Housing Color	Receptacle Housing	Cover	Mating Tab Housing	Mating PCE Right-Angle	Header Vertical		
6	А	Black	1-1718646-1	-	-	-	-		



Sealed 1.2 mm Receptacle Housings for Locking Lance Contacts



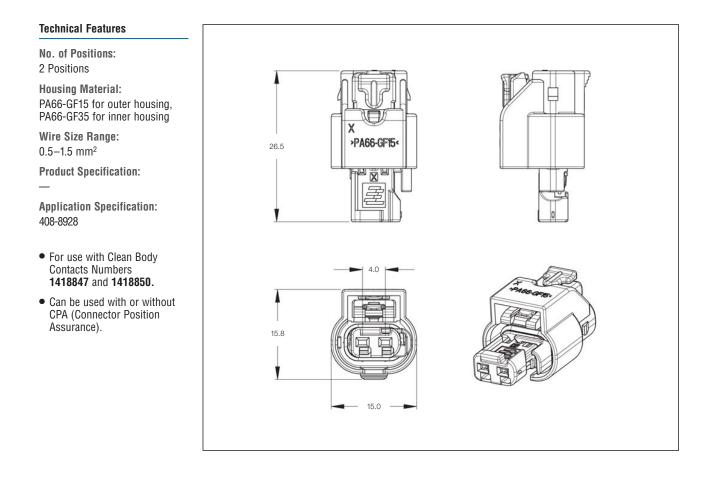
Sealed 1.2 mm Receptacle Housings

No. of	Kaudana		Part Numbers						
No. of Positions	Keying Options	Housing Color	Receptacle Housing	Cover Mating Tab Housing		Mating PCE Right-Angle	Mating PCB Header Right-Angle Vertical		
6	A	Black	1-1670919-1	-	-	-	-		

All specifications subject to change. Consult Tyco Electronics for latest specifications.



Sealed 1.2 mm Receptacle Housings for Clean Body Contacts



Sealed 1.2 mm Receptacle Housings - Standard Latch without CPA

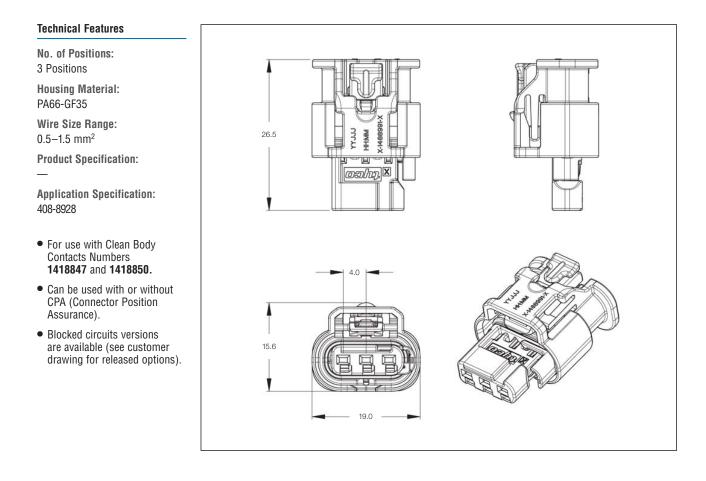
No. of	Kaulina	Housing Color		Part Numbers					
No. of Positions	Keying Options		Receptacle Housing	Cover	Mating Tab Housing	Mating PCE Right-Angle	Header Vertical		
	А	Black	1-1924067-1						
2	В	Natural	1-1924067-2	-	-	-	-		
	С	Blue	1-1924067-3						

Sealed 1.2 mm Receptacle Housings - Standard Latch with CPA

No. of	Karing	Housing Color		Part Numbers					
No. of Positions	Keying Options		Receptacle Housing	Cover	Mating Tab Housing	Mating PCE Right-Angle	Header Vertical		
	А	Black	1-1924067-4						
2	В	Natural	1-1924067-5	-	-	-	-		
	С	Blue	1-1924067-6						



Sealed 1.2 mm Receptacle Housings for Clean Body Contacts



Sealed 1.2 mm Receptacle Housings - Standard Latch without CPA

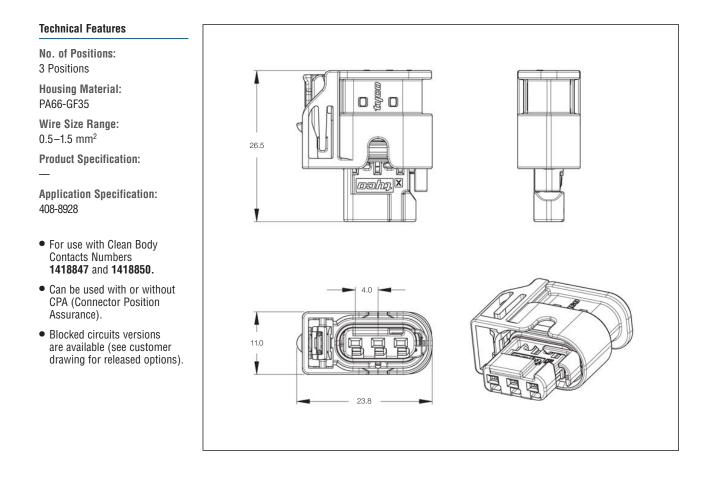
No. of	Keying Options	Housing Color	Part Numbers						
No. of Positions			Receptacle Housing	Cover	Mating Tab Housing	Mating PCB Right-Angle	Header Vertical		
	А	Black	1488991-1						
3	В	Natural	1488991-2						
3	С	Blue	1488991-3	-	-	-	-		
	D	Gray	1488991-4						

Sealed 1.2 mm Receptacle Housings - Standard Latch with CPA

No. of	Kardana	Housing Color	Part Numbers					
No. of Positions	Keying Options		Receptacle Housing	Cover	Mating Tab Housing	Mating PCB Right-Angle	Header Vertical	
	А	Black	1488991-5					
3	В	Natural	1488991-6					
3	С	Blue	1488991-7	-	-	-	-	
	D	Gray	1488991-8					



Sealed 1.2 mm Receptacle Housings for Clean Body Contacts



Sealed 1.2 mm Receptacle Housings - Low Profile Latch without CPA

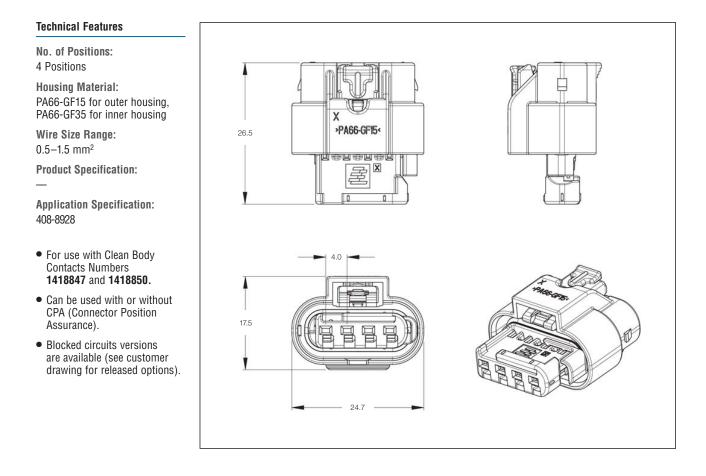
No. of	Keying Options	Housing Color		Part Numbers						
No. of Positions			Receptacle Housing	Cover	Mating Tab Housing	Mating PCB Right-Angle	Header Vertical			
	А	Black	1488992-1							
3	В	Natural	1488992-2							
3	С	Blue	1488992-3	-	-	-	-			
	D	Gray	1488992-4							

Sealed 1.2 mm Receptacle Housings - Low Profile Latch with CPA

	Kashara	Housing Color		Part Numbers					
No. of Positions	Keying Options		Receptacle Housing	Cover	Mating Tab Housing	Mating PCB Right-Angle	Header Vertical		
	А	Black	1488992-5						
0	В	Natural	1488992-6						
3	С	Blue	1488992-7	-	-	-	-		
	D	Gray	1488992-8						



Sealed 1.2 mm Receptacle Housings for Clean Body Contacts



Sealed 1.2 mm Receptacle Housings - Standard Latch without CPA

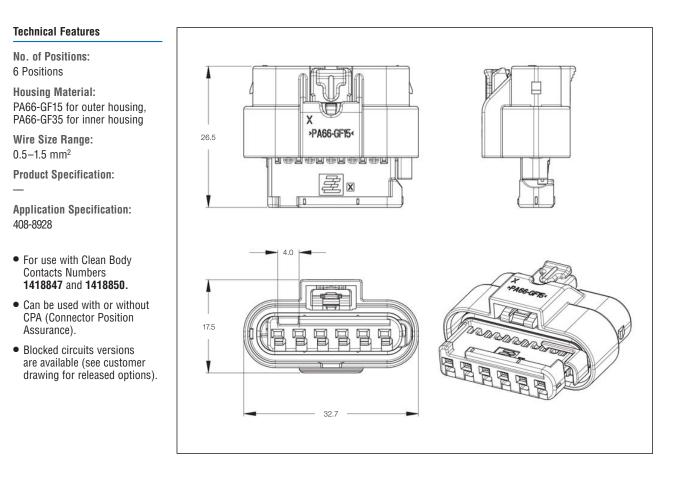
No. of	Kaudinan	Housing Color		Part Numbers						
No. of Positions	Keying Options		Receptacle Housing	Cover	Mating Tab Housing	Mating PCB Right-Angle	Header Vertical			
	А	Black	1-1456426-1							
4	В	Natural	1-1456426-2							
4	С	Blue	1-1456426-3	-	-	-	-			
	D	Gray	1-1456426-4							

Sealed 1.2 mm Receptacle Housings - Standard Latch with CPA

No. 14	Kashara	Housing Color	Part Numbers					
No. of Positions	Keying Options		Receptacle Housing	Cover	Mating Tab Housing	Mating PCB Right-Angle	Header Vertical	
	А	Black	1-1456426-5					
4	В	Natural	1-1456426-6					
4	С	Blue	1-1456426-7	-	-	-	-	
	D	Gray	1-1456426-8					



Sealed 1.2 mm Receptacle Housings for Clean Body Contacts



Sealed 1.2 mm Receptacle Housings - Standard Latch without CPA

No. of	Keying Options	Housing Color		Part Numbers						
No. of Positions			Receptacle Housing	Cover	Mating Tab Housing	Mating PCB Right-Angle	Header Vertical			
	А	Black	1924292-1							
6	В	Natural	1924292-2							
0	С	Blue	1924292-3	-	-	-	-			
	D	Gray	1924292-4							

Sealed 1.2 mm Receptacle Housings - Standard Latch with CPA

No. of	Keying Options	Housing Color		Part Numbers						
No. of Positions			Receptacle Housing	Cover	Mating Tab Housing	Mating PCB Right-Angle	Header Vertical			
	А	Black	1924292-5							
6	В	Natural	1924292-6							
0	С	Blue	1924292-7	-	-	-	-			
	D	Gray	1924292-8							



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