TE connectivity

AUTOMOTIVE

Introduction

Powertrain Systems | Safety & Security Systems | Convenience | Driver Information | Body & Chassis Systems

Connector Series for Waterproof Protection and Rugged Construction

Econoseal connectors are used in extreme conditions. Moisture, dust, corrosive gasses and liquids result in premature aging of electrical contact systems which are not adequately protected.

The use of Econoseal sealed housings can avoid contact damage caused by environmental hazards.

Typical applications include the wiring of sensors in the interior of motor hoods and connections to electrical control systems under extremely unfavourable climatic conditions.

Econoseal Connector Series

■ Econoseal E Series

■ Econoseal EHM Series

■ Econoseal III .070 Series
  • Wire-to-Board
  • Wire-to-Wire

■ Econoseal III .250 Series
  • Wire-to-Board

■ Econoseal J Series

All specifications subject to change. Consult TE Connectivity for latest specifications.

19-1

CI2 Socket Contacts

Technical Features

Wire Type:
FLK and FLR

Wire Size Range:
0.5–2.5 mm^2

Contact Material:
CuSn or CuZn

Contact Finish:
Pre-tin plated

Insulation Diameter:
2.0–3.7 mm

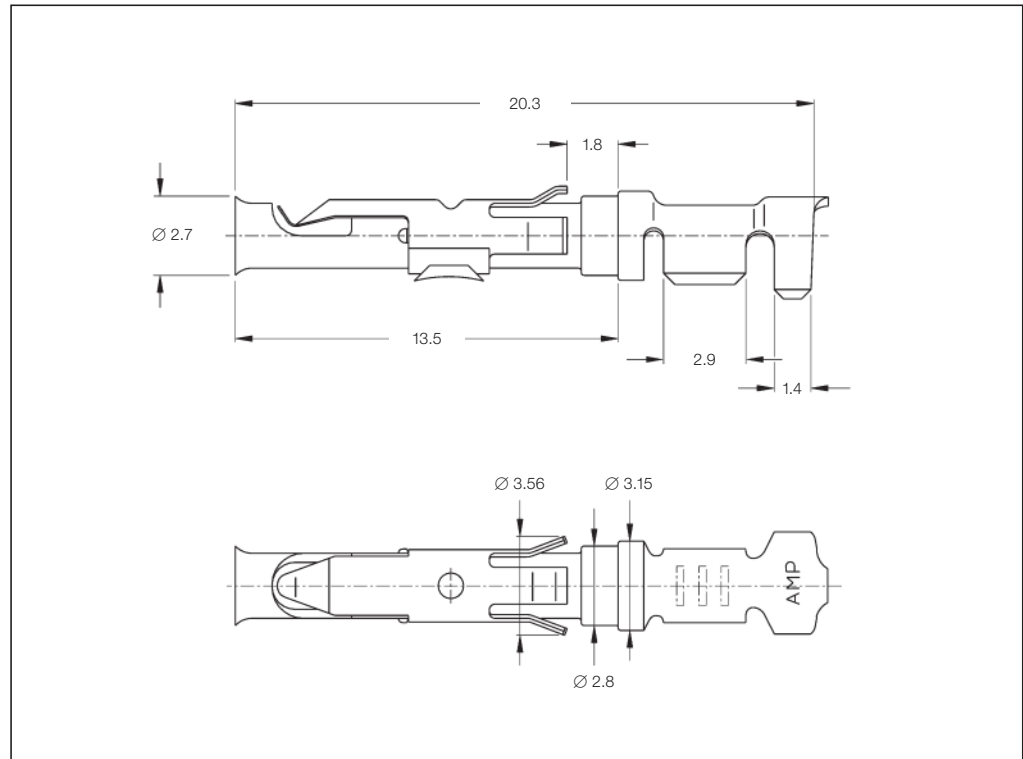**Product Specification:**
108-18125

Application Specification:
114-18056

Standard Extraction Tool:
Part No. **539972-1**

CI2 Socket Contacts

Contact Type	Wire Size Range mm² (AWG)	Insulation Diameter FLK mm (Inch)	FLR mm (Inch)	Material and Finish*	Part Numbers					
					Strip Form	Package Quantity	Loose-Piece	Package Quantity	Applicator ◆	Hand Tool
Socket	0.5–1.0	2.0–2.7	–	-1 / -2 / -4	827039	–	827396	–	1528546	–
	>1.0–2.5	2.4–3.7	–	-1 / -2 / -3	827040	–	827397	–	1528127	
	0.5–1.0	–	1.4–2.3	-1 / -2 / -4	927886	–	927887	–	1528817	2063645-1
	>1.0–2.5	–	2.1–3.1	-1 / -2 / -3	927890	–	927891	–	1528039	
Socket SWS	0.5–1.0	3.4	–	-1	964138	–	964139	–	on request	–
	>1.0–2.5	3.4	–	-1	968013	–	968014	–	on request	

*) Material and Finish:
xxx-1 = CuSn4, tin plated
xxx-2 = CuZn30, tin plated
xxx-3 = CuSn4, silverplated
xxx-4 = CuSn4, silver plated

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

All specifications subject to change. Consult TE Connectivity for latest specifications.

CI2 Pin Contacts

Technical Features

Wire Type:
FLK and FLR

Wire Size Range:
0.5–2.5 mm^2

Contact Material:
CuSn or CuZn

Contact Finish:
Pre-tin plated

Insulation Diameter:
2.0–3.7 mm

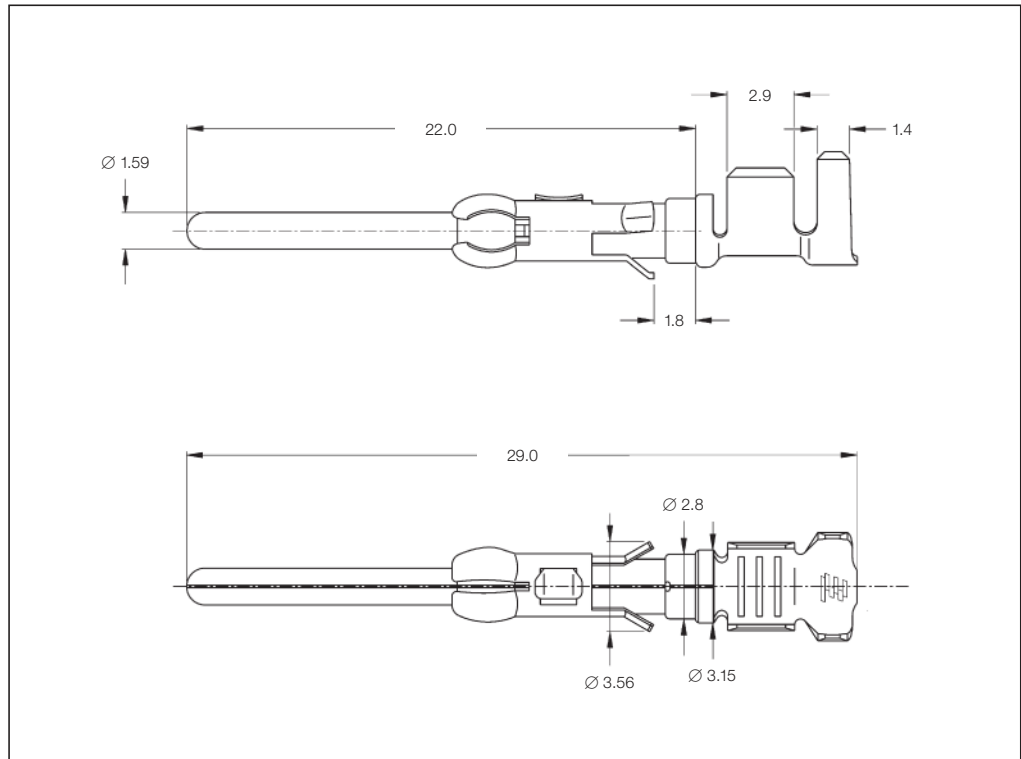**Product Specification:**
108-18125

Application Specification:
114-18056

Standard Extraction Tool:
Part No. **539972-1**

CI2 Pin Contacts

Contact Type	Wire Size Range mm² (AWG)	Insulation Diameter FLK mm (Inch)	Insulation Diameter FLR mm (Inch)	Material and Finish*	Part Numbers Strip Form	Package Quantity	Loose-Piece	Package Quantity	Applicator♦	Hand Tool
Pin	0.5–1.0	2.0–2.7	–	-1 / -2	926980	–	926981	–	1528546	–
	>1.0–2.5	2.4–3.7	–	-1 / -2	926982	–	926983	–	1528127	
	0.5–1.0	–	1.4–2.3	-1 / -2	927884	–	927885	–	1528817	2063645-1
	>1.0–2.5	–	2.1–3.1	-1 / -2 / -3	927888	–	927889	–	1528039	

*) Material and Finish:

xxx-1 = CuSn4, tin plated
xxx-2 = CuZn30, tin plated
xxx-3 = CuSn4, silverplated
xxx-4 = CuSn4, silver plated

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

All specifications subject to change. Consult TE Connectivity for latest specifications.

19-3

Contacts for Econoseal III Connectors
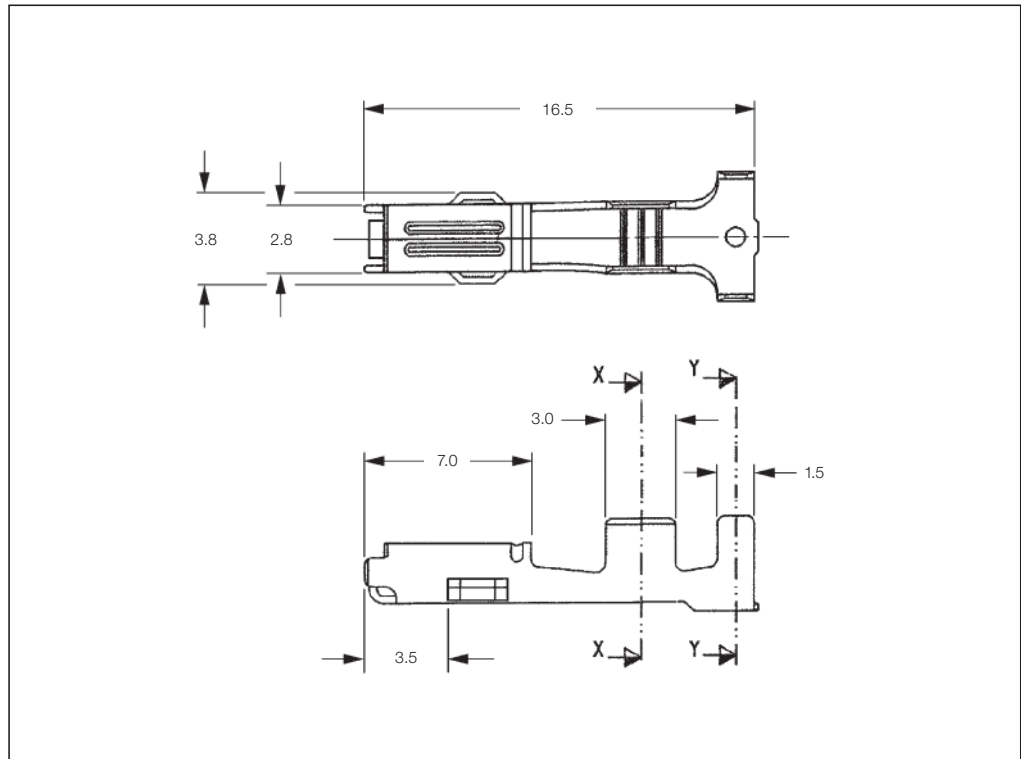Series .070 (1.8 mm)

Socket Contacts

Technical Features

Low Current Wire-to-Wire Connectors .070 Series (1.8 mm)

■ Free-hanging

■ .070 Series (1.8 mm) blade and socket

■ 2-, 3-, 4-, 6- and 13-positions

■ Wire Size Range: from 0.5 up to 2.0 mm²

■ Contact Rating: up to 10 A constant

■ Lanceless contact system

■ Inertia locking

Application Specification:
114-3040

Standard Extraction Tool:
Part No. **1-1579007-5**

Socket Contacts

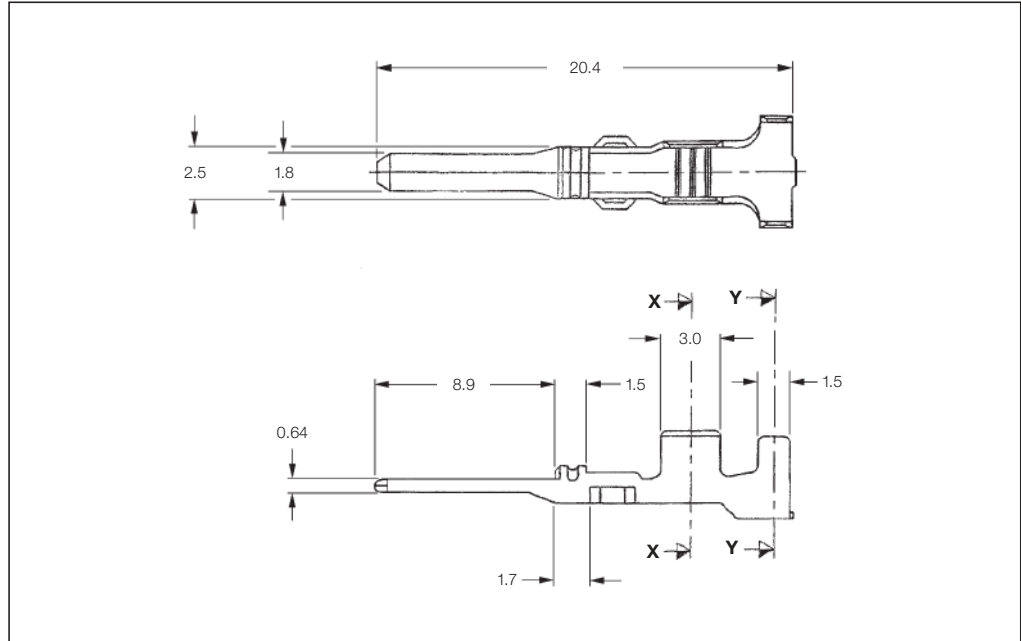| Wire Size Range	Insulation Diameter FLK	Insulation Diameter FLR	Material and Finish	Part Numbers					
mm² (AWG)	mm (Inch)	mm (Inch)		Strip Form	Package Quantity	Loose-Piece	Package Quantity	Applicator ◆	Hand Tool
0.2–0.5 (24–20)	1.6–1.8 (.062–.070)	–	Copper alloy, tin plated	345808-1	6,000	345949-1	1,000	1528040	on request
0.75–2.00 (18–14)	1.85–2.70 (.073–.106)	–	Copper alloy, tin plated	345806-1	6,000	345150-1	1,000	1528416	on request
0.5–2.0 (20–14)	1.6–2.7 (.062–.106)	–	CuSn, gold plated	344113-1 *	6,000	–	–	1528416	–

◆) Applicators are application specific, consult TE Connectivity for details.

*) For 16 and 36 position socket housing.

All specifications subject to change. Consult TE Connectivity for latest specifications.

Contacts for Econoseal III Connectors
Series .070 (1.8 mm)

Pin Contacts / Single Wire Seals and Cavity Plugs

**Pin Contacts,
Mates with
Socket Contacts
.070 Series**

Standard Extraction Tool:
Part No. **1-1579007-5**

Pin Contacts

Wire Size Range	Insulation Diameter		Material and Finish	Part Numbers					
	FLK	FLR							
mm² (AWG)	mm (Inch)	mm (Inch)		Strip Form	Package Quantity	Loose-Piece	Package Quantity	Applicator♦	Hand Tool
0.5 (20)	1.6–1.8 (.062–.070)	–	Copper alloy, tin plated	345809-1	6,000	345951-1	2,000	1426288 1426650 (unsealed)	on request
0.75–1.00 (18–17)	1.85–2.10 (.073–.083)	–	Copper alloy, tin plated	345807-1	6,000	345148-1	2,000	1528804 1426601 (unsealed)	on request
1.5–2.0 (15–14)	2.3–2.7 (.091–.106)	–	Copper alloy, tin plated	345807-1	6,000	345148-1	2,000	1528804 1426601 (unsealed)	on request

♦) Applicators are application specific, consult TE Connectivity for details.

**Single Wire Seals
and Cavity Plugs
for Series .070 (1.8 mm)**

Application Specification:
108-3069
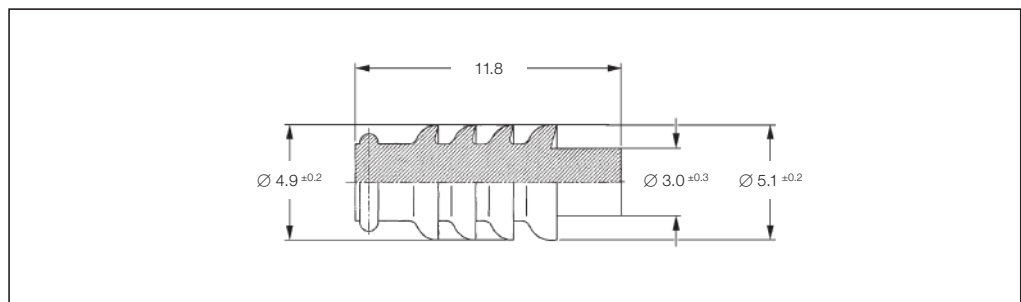
Insulation Diameter		Color	Part Number	Package Quantity
(mm)	(Inch)			
1.6–2.4	(.062–.095)	Black	345791-1	5,000
Cavity Plug		Black	172748-1	1,000
2.4 min. – 2.7 max.	(.095–.106)	Grey	172888-2	5,000
Cavity Plug		Grey	172748-2	1,000

All specifications subject to change. Consult TE Connectivity for latest specifications.

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Contacts for Econoseal III Connectors
Series .250 (6.3 mm)

AUTOMOTIVE

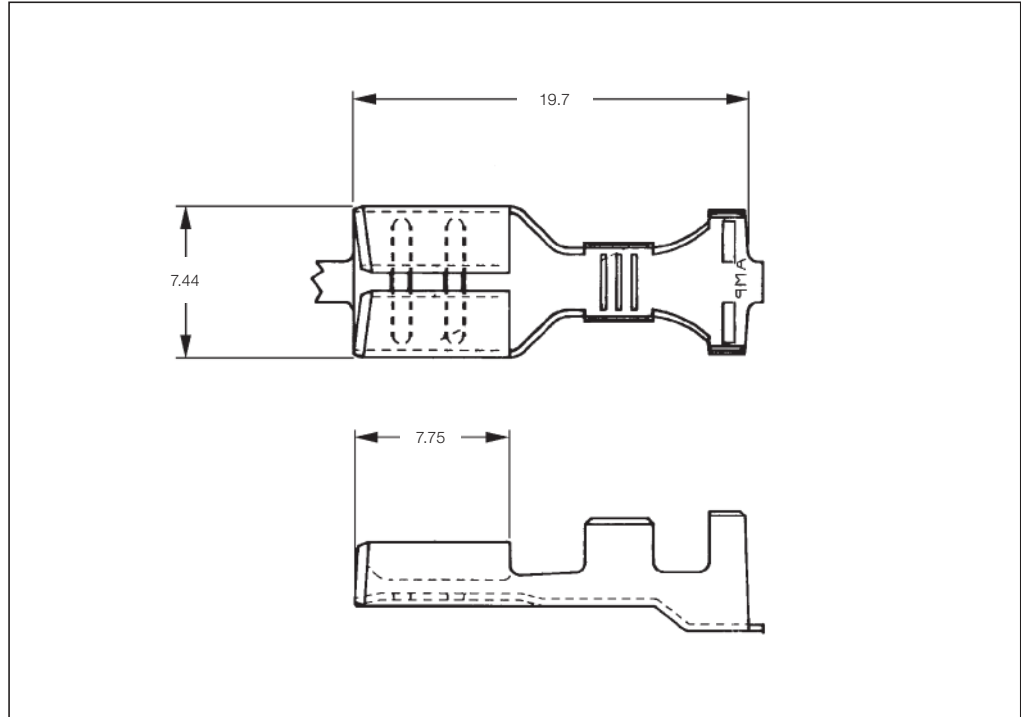Socket Contacts

Technical Features

High Current Wire-to-Wire Connectors .250 Series (6.3 mm)

■ Free hanging

■ .250 Series (6.3 mm) FASTON blade and socket

■ 2-, 4- and 8-positions

■ Wire Size Range: from 0.5 to 3.0 mm^2

■ Contact Rating: up to 20 A constant

■ Lanceless contact system

■ Inertia Locking

Application Specification:
114-3036

Extraction Tool:
Part No. **724712-1**
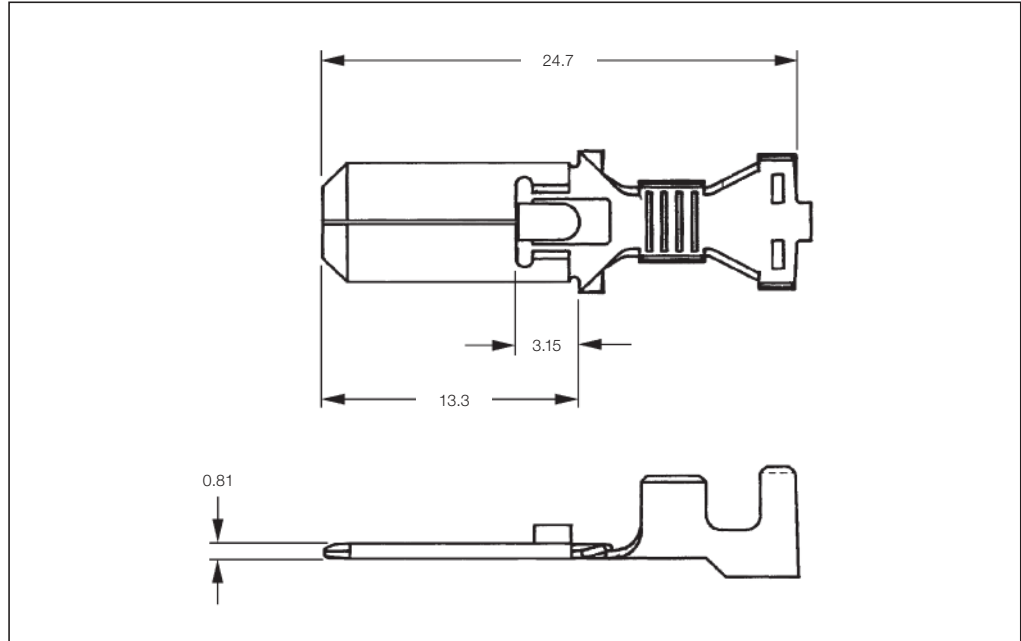
Insertion Tool:
Part No. **344525-1**

Socket Contacts

Wire Size Range	Insulation Diameter		Material and Finish	Part Numbers					
	FLK	FLR							
mm^2 (AWG)	mm (Inch)	mm (Inch)		Strip Form	Package Quantity	Loose-Piece	Package Quantity	Applicator♦	Hand Tool 539635-1 with Die-Set
0.5–1.5 (20–15)	1.6–2.4 (.062–.095)	–	CuZn, pre-tin plated	344070-1	3,000	344995-1	1,000	1339706	539678-2
2.0–3.0 (14–12)	2.6–3.4 (.102–.134)	–	CuZn, pre-tin plated	344009-1	3,000	344993-1	1,000	1529079	on request

♦) Applicators are application specific, consult TE Connectivity for details.

Contacts for Econoseal III Connectors
Series .250 (6.3 mm)

Section Catalog 1654365-1
Issued 4-2010
Main Catalog 1654400-1
Chapter 19 – Issued 4-2010

Pin Contacts / Single Wire Seals and Cavity Plugs

**Pin Contact,
Mates with
Socket Contacts
.250 Series**

Extraction Tool:
Part No. **724712-1**

Insertion Tool:
Part No. **344525-1**

Pin Contacts

Wire Size Range	Insulation Diameter		Material and Finish	Part Numbers					
	FLK	FLR							
mm² (AWG)	mm (Inch)	mm (Inch)		Strip Form	Package Quantity	Loose-Piece	Package Quantity	Applicator ♦	Hand Tool
0.5–1.5 (20–15)	1.6–2.4 (.062–.095)	–	CuZn, pre-tin plated	344069-1	3,000	344991-1	1,000	1339829	on request
2.0–3.0 (14–12)	2.6–3.4 (.102–.134)	–	CuZn, pre-tin plated	344008-1	3,000	344989-1	1,000	1529135	on request

♦) Applicators are application specific, consult TE Connectivity for details.

**Single Wire Seals
and Cavity Plugs
for Series .250 (6.3 mm)**

Application Specification:
108-3069
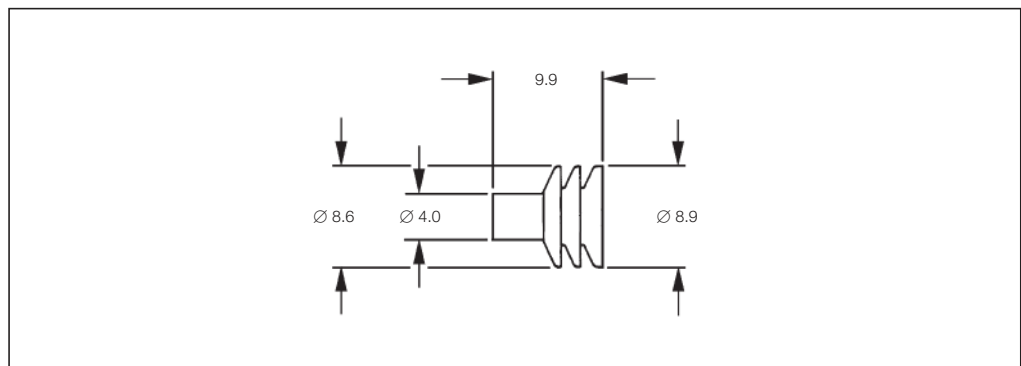
Insulation Diameter		Color	Part Number	Package Quantity
(mm)	(Inch)			
1.6–2.4	(.062–.095)	Black	344095-1	500
Cavity Plug		Grey	172749-2	500
2.6–3.4	(.102–.134)	Black	172747-1	1,000
Cavity Plug		Grey	172749-2	500

All specifications subject to change. Consult TE Connectivity for latest specifications.

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AUTOMOTIVE

Socket Contacts

Technical Features

Wire Size Range:
0.20–1.25 mm^2
(AWG 24–20 / AWG 20–16)

Contact Material:
CuSn or CuZn

Contact Finish:
Pre-tin plated

Insulation Diameter:
1.4–2.6 mm

Product Specification:
108-5262

Application Specification:
114-5082

Instruction Sheet:
412-5325

Extraction Tool:
Part No. **937313-1**

Socket Contacts

Wire Size Range		Wire Insulation Diameter (mm)	Material and Finish	Part Numbers					
(mm^2)	(AWG)			Strip Form	Package Quantity	Loose-Piece	Package Quantity	Applicator◆	Hand Tool
0.2–0.5	24–20	1.4–2.4	Brass, pre-tin plated	171630-1	–	171699-1	–	1528276	91563-1
			Copper-Alloy, sel. gold plated	171630-5	–	–	–		–
0.50–1.25	20–16	2.0–2.6	Brass, pre-tin plated	171662-1	–	173707-1	–	1530013	91583-1
			Copper-Alloy, pre-tin plated	171662-4	–	–	–		–
			Copper-Alloy, sel. gold plated	171662-5	–	–	–		–

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

All specifications subject to change. Consult TE Connectivity for latest specifications.

Contacts for Econoseal J Series

Pin Contacts

Technical Features

Wire Size Range:
0.20–1.25 mm^2
(AWG 24–20 / AWG 20–16)

Contact Material:
CuSn or CuZn

Contact Finish:
Pre-tin plated

Insulation Diameter:
1.4–2.6 mm

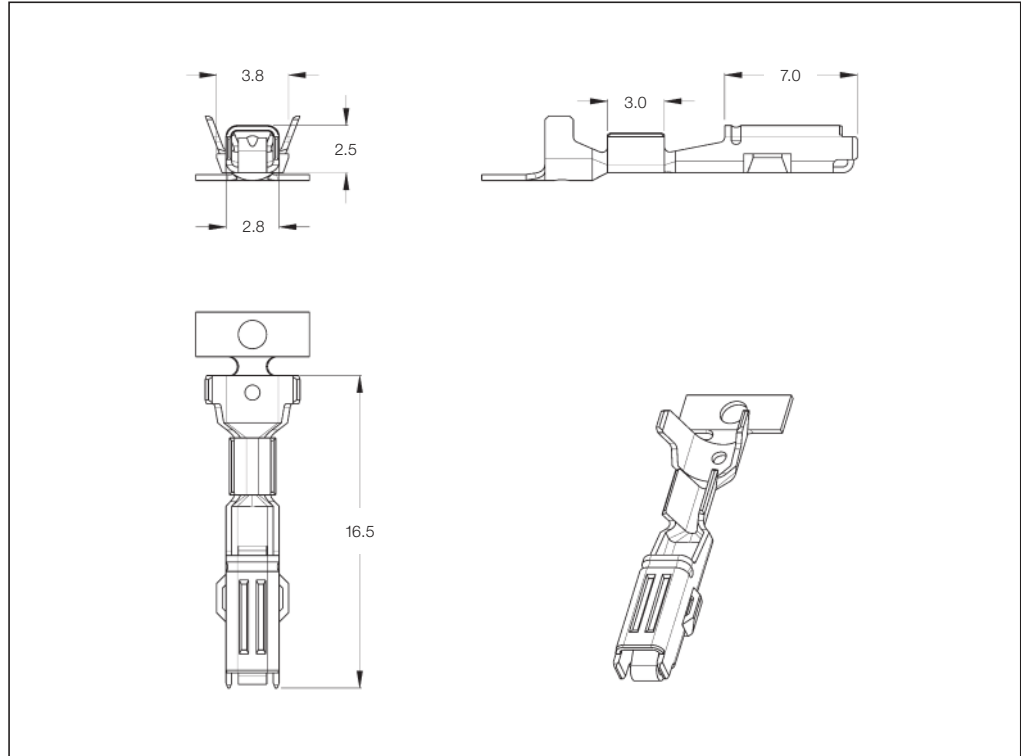**Product Specification:**
108-5262

Application Specification:
114-5082

Instruction Sheet:
412-5325
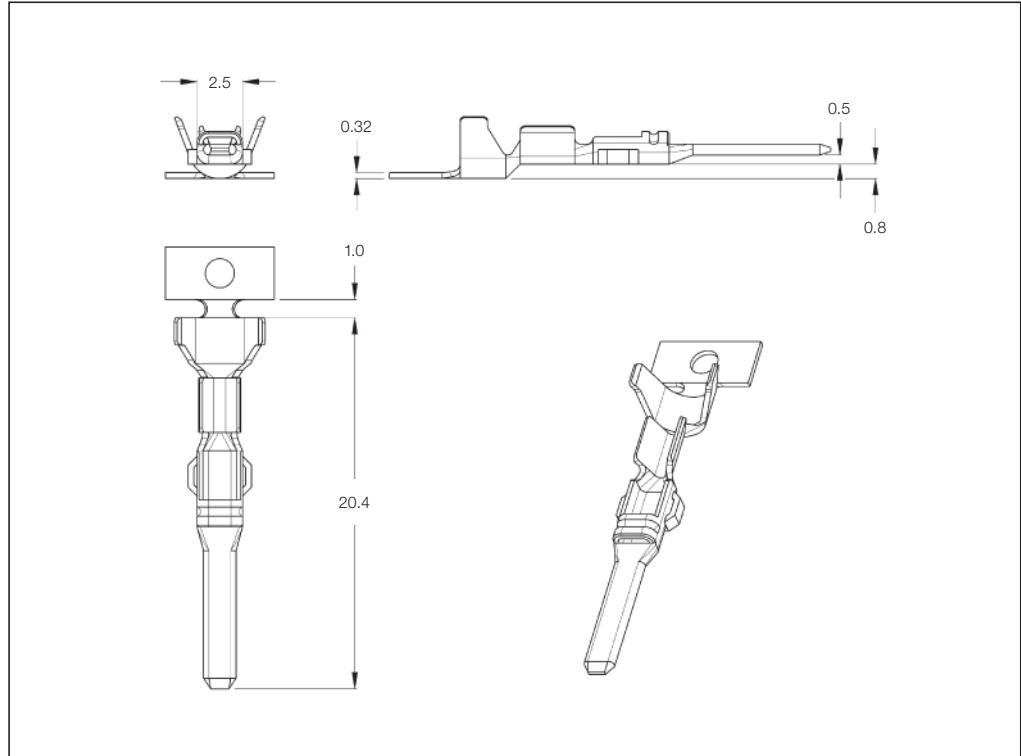
Extraction Tool:
Part No. **937313-1**

Pin Contacts

Wire Size Range		Wire Insulation Diameter (mm)	Material and Finish	Part Numbers					
(mm^2)	(AWG)			Strip Form	Package Quantity	Loose-Piece	Package Quantity	Applicator◆	Hand Tool
0.2–0.5	24–20	1.4–2.4	Brass, pre-tin plated	171631-1	–	173600-1	–	1528891	91563-1
			Brass, selective gold plated	171631-2	–	–	–		–
0.50–1.25	20–16	2.0–2.6	Brass, pre-tin plated	171661-1	–	173706-1	–	1528457	91585-1
			Brass, selective gold plated	171661-2	–	–	–		–

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

All specifications subject to change. Consult TE Connectivity for latest specifications.

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Engineering Notes

All specifications subject to change. Consult TE Connectivity for latest specifications.

Econoseal E Series

Sealed Socket Housings E Series

Section Catalog 1654365-1
Issued 4-2010
Main Catalog 1654400-1
Chapter 19 – Issued 4-2010

1 Position Socket Housings

Technical Features

No. of Positions:
1 Position

Housing Material:
PA66 GF13

Wire Size Range:
0.5–2.5 mm^2

Insertion Tool:
Part No. **826790-3**

Extraction Tool:
Part No. **725840-1**

Product Specification:
—

Application Specification:
—

1 Position Socket Housings

Keying Form with the Mating Connector	Wire Outside Diameter (mm)	Collar Form	Housing Color	Part Number	Color of Wire Sealing	Part Number
				Socket Housing		Mating Pin Connector
Click Stop	2.3–3.0	Cone	Black	826882-4	Gray	826881-2
Click Stop	1.3–2.3	Cone	Black	826882-5	Black	826881-3

Dust Cover for Socket Housings: Part No. **927536-1.**

Other Housing Colors and Special Versions with Blind Plug on request.

All specifications subject to change. Consult TE Connectivity for latest specifications.

19-11

Econoseal E Series

Sealed Socket Housings E Series

2 Position Socket Housings

Technical Features

No. of Positions:
2 Positions

Housing Material:
PA66 GF13

Wire Size Range:
0.5–2.5 mm^2

Insertion Tool:
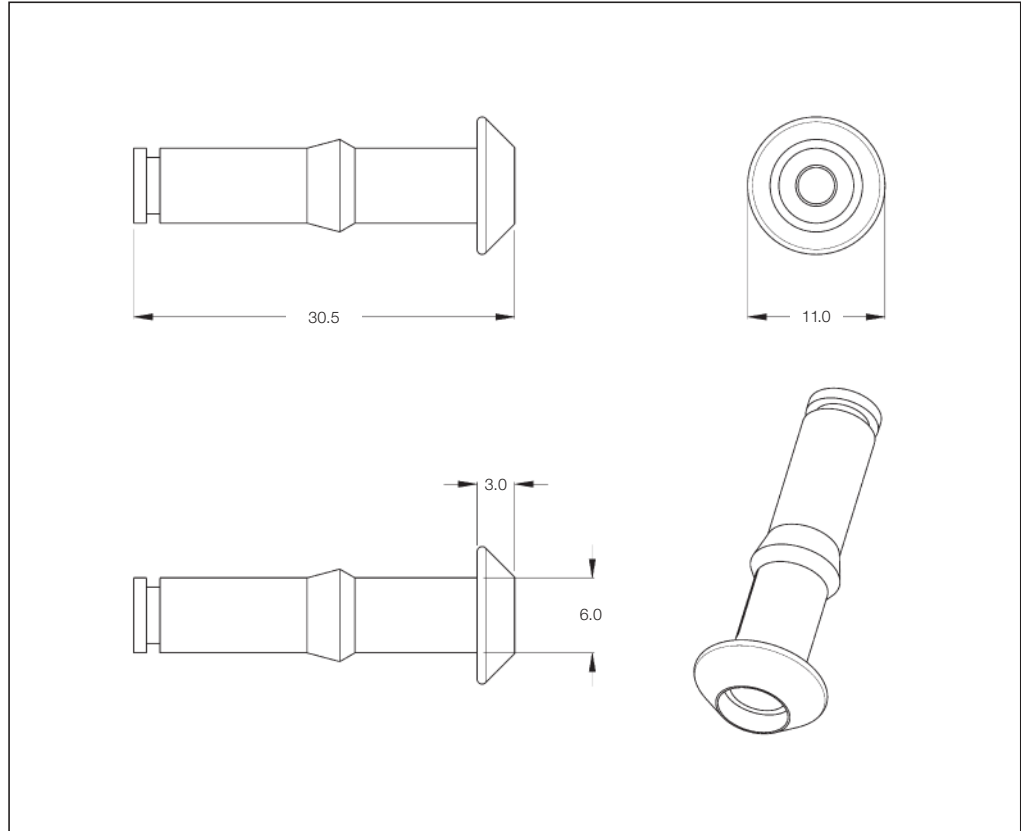Part No. **826790-3**

Extraction Tool:
Part No. **725840-1**

Product Specification:
—

Application Specification:
—

2 Position Socket Housings
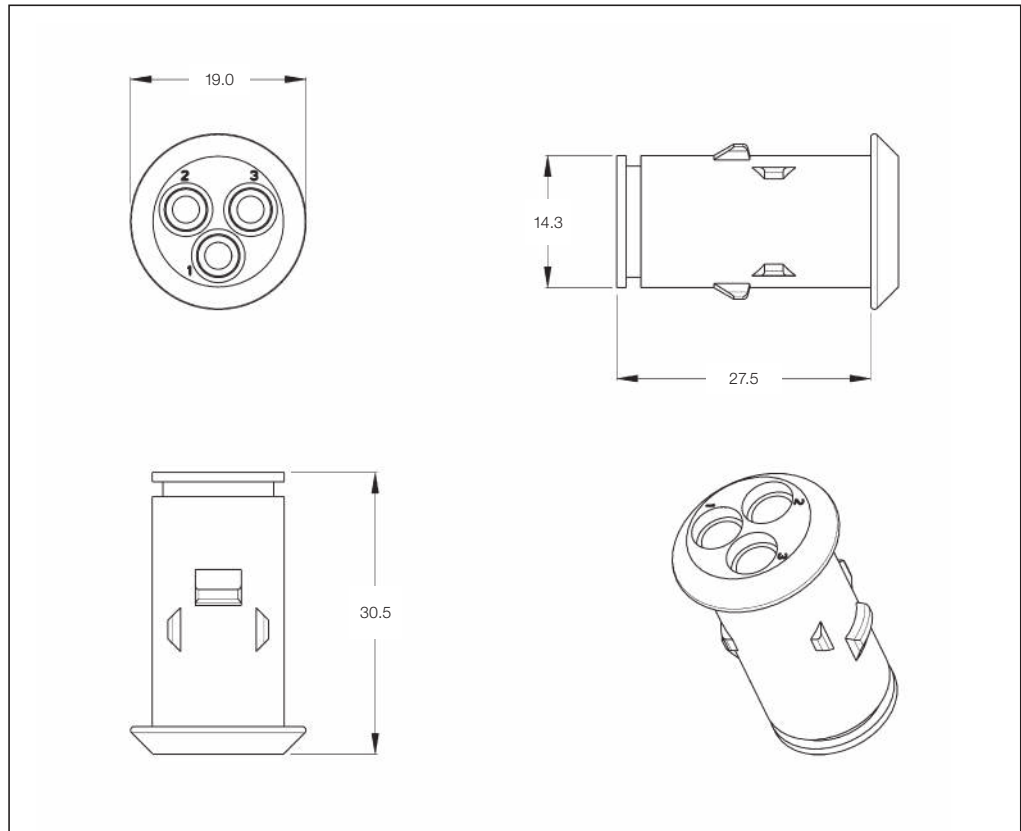
Keying Form with the Mating Connector	Wire Outside Diameter (mm)	Collar Form	Housing Color	Part Number	Color of Wire Sealing	Part Number
				Socket Housing		Mating Pin Connector
Click Stop	2.3–3.0	Cone	Black	826884-2	Gray	826883-1
	1.3–2.3	Cone	Black	826884-3	Black	
Locking	2.3–3.0	Cone	Black	1-826884-2	Gray	826883-2
	1.3–2.3	Cone	Black	1-826884-3	Black	

All specifications subject to change. Consult TE Connectivity for latest specifications.

Econoseal E Series

Sealed Socket Housings E Series

Section Catalog 1654365-1
Issued 4-2010
Main Catalog 1654400-1
Chapter 19 – Issued 4-2010

2 Position Socket Housings

Technical Features

No. of Positions:
2 Positions

Housing Material:
PA66 GF13

Wire Size Range:
0.5–2.5 mm^2

Insertion Tool:
Part No. **826790-3**

Extraction Tool:
Part No. **725840-1**

Product Specification:
—

Application Specification:
—

17.2

30.5

30.5

2 Position Socket Housings
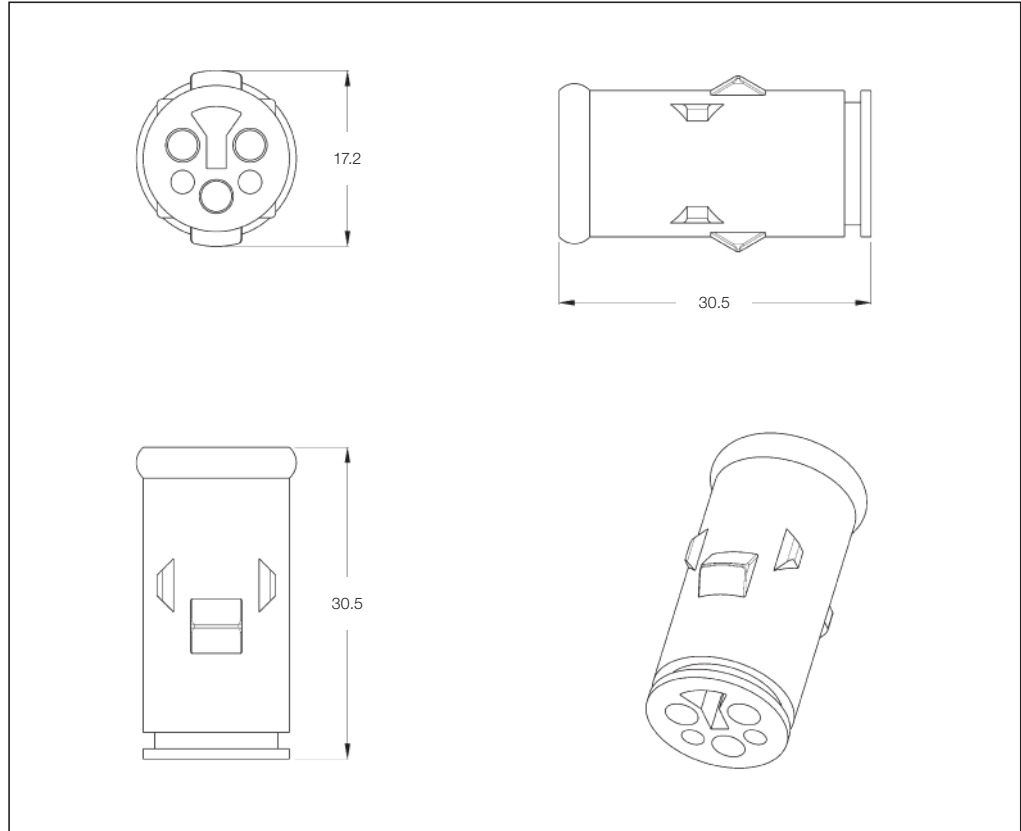
Keying Form with the Mating Connector	Wire Outside Diameter (mm)	Collar Form	Housing Color	Part Number Socket Housing	Color of Wire Sealing	Part Number Mating Pin Connector
Click Stop	2.3–3.0	Round	Black	827438-1	Gray	
	1.3–2.3	Round	Black	827438-2	Black	826883-1
Locking	2.3–3.0	Round	Black	1-827438-1	Gray	826883-2
	1.3–2.3	Round	Black	1-827438-2	Black	

Dust Cover for Socket Housings: Part No. **927536-1.**
Other Housing Colors and Special Versions with Blind Plug on request.

All specifications subject to change. Consult TE Connectivity for latest specifications.

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Econoseal E Series

Sealed Socket Housings E Series

Section Catalog 1654365-1
Issued 4-2010
Main Catalog 1654400-1
Chapter 19 – Issued 4-2010

3 Position Socket Housings

Technical Features

No. of Positions:
3 Positions

Housing Material:
PA66 GF13

Wire Size Range:
0.5–2.5 mm²

Insertion Tool:
Part No. **826790-3**

Extraction Tool:
Part No. **725840-1**

Product Specification:
—

Application Specification:
—

19.0

30.5

30.5

3 Position Socket Housings
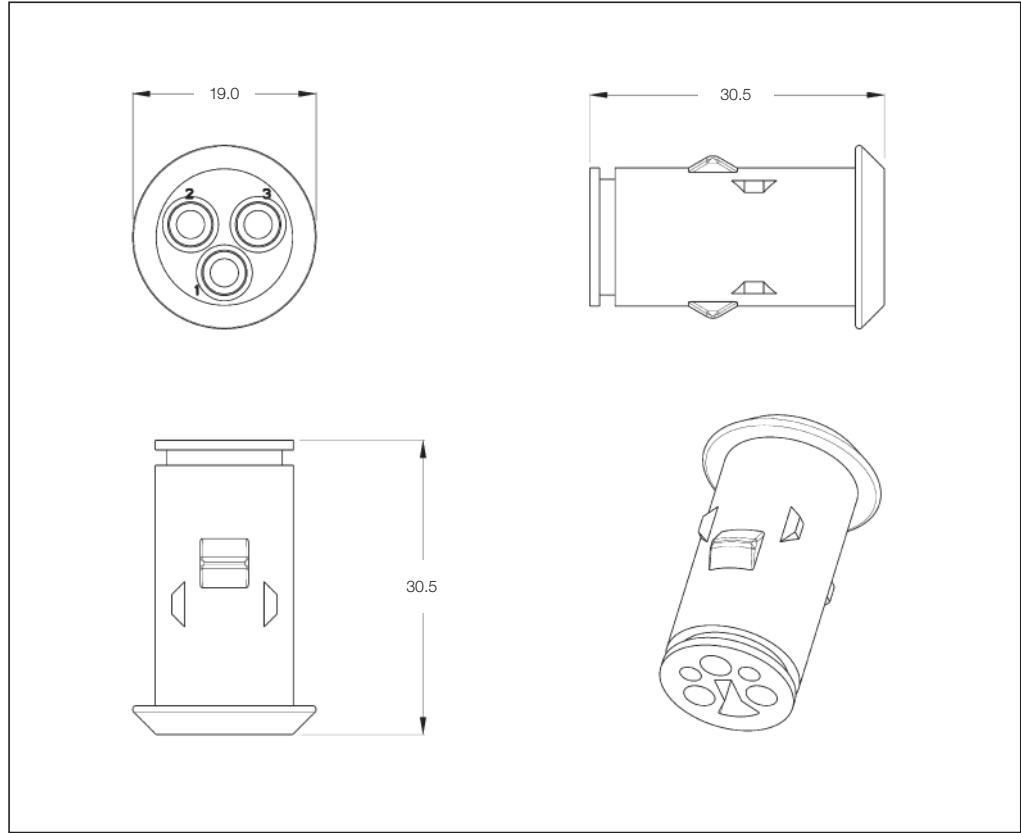
Keying Form with the Mating Connector	Wire Outside Diameter (mm)	Collar Form	Housing Color	Part Number Socket Housing	Color of Wire Sealing	Part Number Mating Pin Connector
Click Stop	2.3–3.0	Cone	Black	826886-4	Gray	826885-2
	1.3–2.3	Cone	Black	826886-7	Black	
Locking	2.3–3.0	Cone	Black	1-826886-2	Gray	826885-8
	1.3–2.3	Cone	Black	1-826886-8	Black	

Dust Cover for Socket Housings: Part No. **927536-1.**

Front Plate for 3 Positioins Pin and Socket Housings: Part No. **826582-1.**

Other Housing Colors and Special Versions with Blind Plug on request.

Section Catalog 1654365-1
Issued 4-2010
Main Catalog 1654400-1
Chapter 19 – Issued 4-2010

Econoseal E Series

Sealed Socket Housings E Series

3 Position Socket Housings

Technical Features

No. of Positions:
3 Positions

Housing Material:
PA66 GF13

Wire Size Range:
0.5–2.5 mm^2

Insertion Tool:
Part No. **826790-3**

Extraction Tool:
Part No. **725840-1**

Product Specification:
—

Application Specification:
—

30.5

16.8   14.3

12.0

27.5

3 Position Socket Housings

Keying Form with the Mating Connector	Wire Outside Diameter (mm)	Collar Form	Housing Color	Part Number		Color of Wire Sealing	Part Number
				Socket Housing			Mating Pin Connector
Locking	2.3–3.0	Round	Black	1-827520-1		Gray	–
	1.3–2.3	Round	Black	1-827520-2		Black	

Dust Cover for Socket Housings: Part No. **927536-1.**

Front Plate for 3 Positioins Pin and Socket Housings: Part No. **826582-1.**

Other Housing Colors and Special Versions with Blind Plug on request.

All specifications subject to change. Consult TE Connectivity for latest specifications.

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AUTOMOTIVE

Econoseal E Series

Sealed Pin Housings E Series

Section Catalog 1654365-1
Issued 4-2010
Main Catalog 1654400-1
Chapter 19 – Issued 4-2010

1 Position Pin Housings

Technical Features

No. of Positions:
1 Position

Housing Material:
PA66 GF13

Wire Size Range:
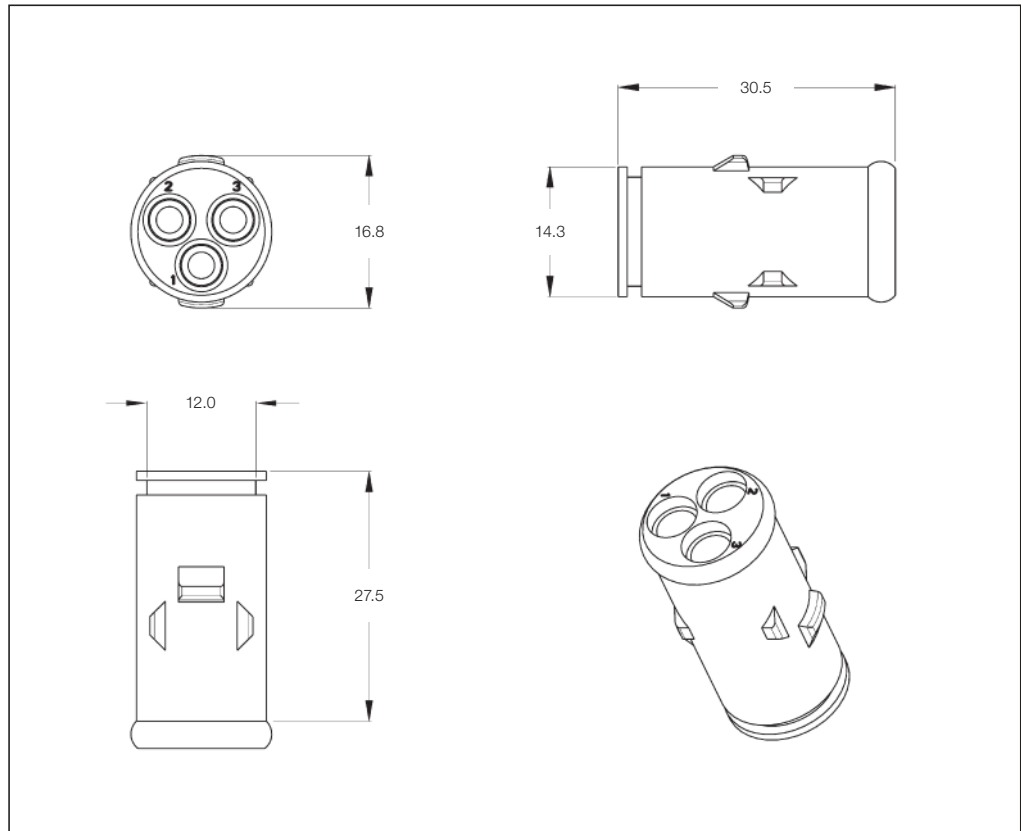0.5–2.5 mm^2

Insertion Tool:
Part No. **826791-3**

Extraction Tool:
Part No. **725840-1**

Product Specification:
—

Application Specification:
—

1 Position Pin Housings

Wire Outside Diameter (mm)	Collar Form	Housing Color	Part Number Pin Housing	Color of Wire Sealing	Part Number Mating Socket Housing
2.3–3.0	Cone	Black	826881-2	Gray	826882-4
1.3–2.3	Cone	Black	826881-3	Black	826882-5

All specifications subject to change. Consult TE Connectivity for latest specifications.

![TE connectivity AUTOMOTIVE]

Econoseal E Series
Sealed Pin Housings E Series

Section Catalog 1654365-1
Issued 4-2010
Main Catalog 1654400-1
Chapter 19 – Issued 4-2010

2 Position Pin Housings

Technical Features

No. of Positions:
2 Positions

Housing Material:
PA66 GF13

Wire Size Range:
0.5–2.5 mm^2

Insertion Tool:
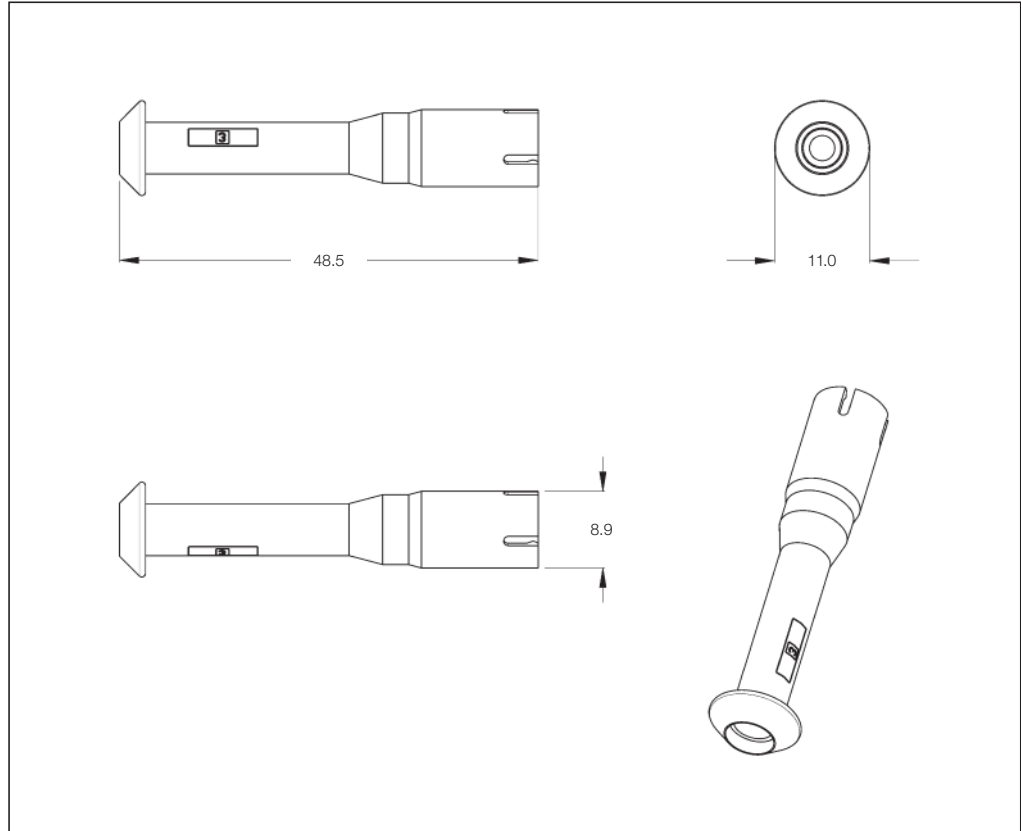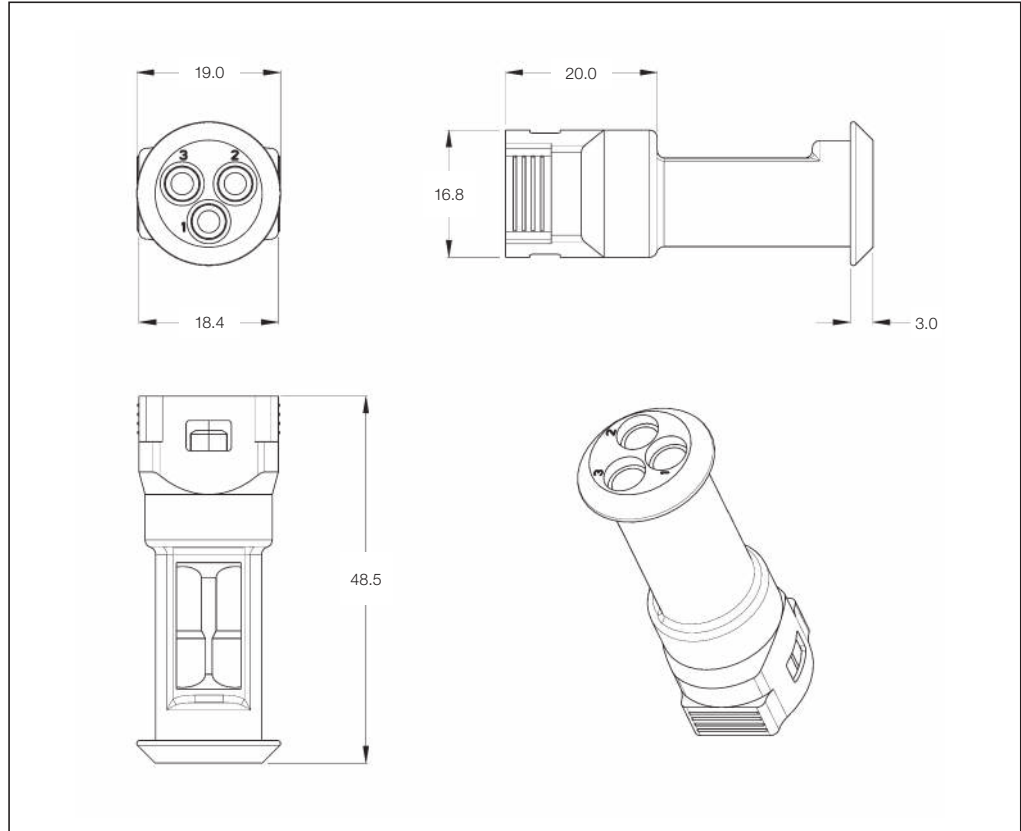Part No. **826791-3**

Extraction Tool:
Part No. **725840-1**

Product Specification:
—

Application Specification:
—

2 Position Pin Housings

Wire Outside Diameter (mm)	Collar Form	Housing Color	Part Number Pin Housing	Color of Wire Sealing	Part Number Mating Socket Housing
2.3–3.0	Cone	Black	826883-1	Gray	826884-2
1.3–2.3	Cone	Black	826883-2	Black	826884-3

All specifications subject to change. Consult TE Connectivity for latest specifications.

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Econoseal E Series

Sealed Pin Housings E Series

Section Catalog 1654365-1
Issued 4-2010
Main Catalog 1654400-1
Chapter 19 – Issued 4-2010

3 Position Pin Housings

Technical Features

No. of Positions:
3 Positions

Housing Material:
PA66 GF13

Wire Size Range:
0.5–2.5 mm^2
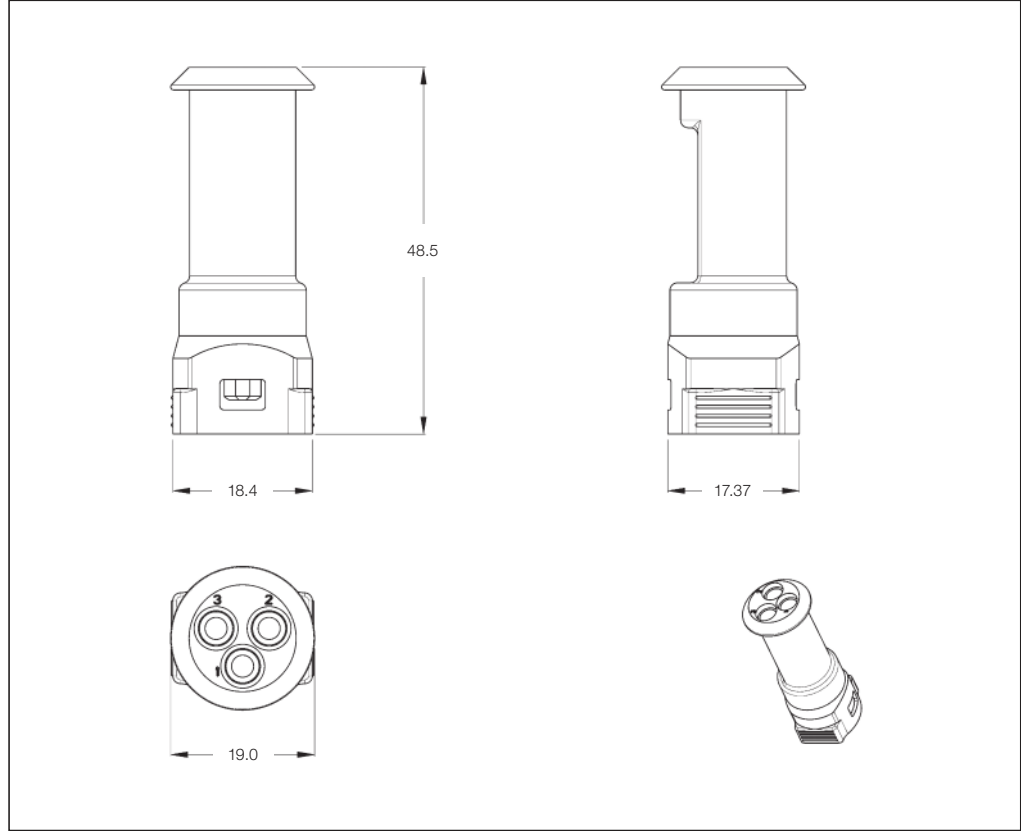
Insertion Tool:
Part No. **826791-3**

Extraction Tool:
Part No. **725840-1**

Product Specification:
—

Application Specification:
—

48.5

18.4

19.0

17.37

3 Position Pin Housings

Wire Outside Diameter (mm)	Collar Form	Housing Color	Part Number Pin Housing	Color of Wire Sealing	Part Number Mating Socket Housing
2.3–3.0	Cone	Black	826885-2	Gray	826886-4
1.3–2.3	Cone	Black	826885-8	Black	826886-7

All specifications subject to change. Consult TE Connectivity for latest specifications.

![TE connectivity AUTOMOTIVE]

Econoseal EHM Series

Sealed Socket Housings EHM Series

Section Catalog 1654365-1
Issued 4-2010
Main Catalog 1654400-1
Chapter 19 – Issued 4-2010

2 Position Housings for 4.0 mm Socket Contact M27 Version

Technical Features

No. of Positions:
2 Positions

Housing Material:
PBT

Wire Size Range:
0.5–4.0 mm^2

Socket Contact:
Part No. **962952-1**
(0.5 to 1.0 mm^2)
Part No. **962952-1**
(1.0 to 2.5 mm^2)

Wire Seal:
Part No. **963243-1**
(1.4 to 2.1 mm diameter)
Part No. **963244-1**
(2.2 to 3.0 mm diameter)

Cavity Plug:
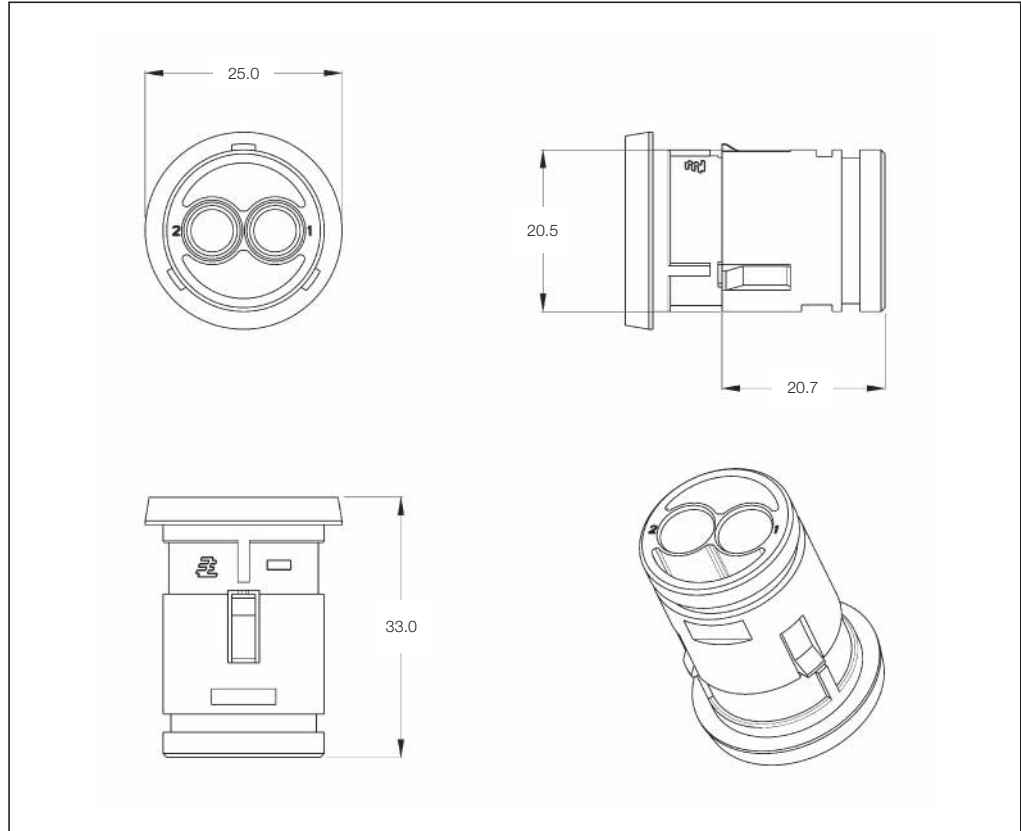Part No. **100132-1**

Extraction Tool:
Part No. **1-1579007-9**

Spare Tube:
Part No. **5-1579007-1**

Wire Seal Hand Applicator:
Part No. **100653-1**

2 Position Housings for 4.0 mm Socket Contact M27 Version

Thread	Insulation Diameter (mm)	Part Numbers		
		Cover Right-Angle	Cover Straight	Connector Assembly
M27	1.4–3.0	100291-1	100292-1	100284-1

All specifications subject to change. Consult TE Connectivity for latest specifications.

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Econoseal EHM Series

Sealed Socket Housings EHM Series

Section Catalog 1654365-1
Issued 4-2010
Main Catalog 1654400-1
Chapter 19 – Issued 4-2010

3 Position Housings for 4.0 mm Socket Contact M24 Version

Technical Features

No. of Positions:
3 Positions

Housing Material:
PBT

Wire Size Range:
0.5–4.0 mm^2

Socket Contact:
Part No. **962952-1**
(0.5 to 1.0 mm^2)
Part No. **962952-1**
(1.0 to 2.5 mm^2)

Wire Seal:
Part No. **963243-1**
(1.4 to 2.1 mm diameter)
Part No. **963244-1**
(2.2 to 3.0 mm diameter)

Cavity Plug:
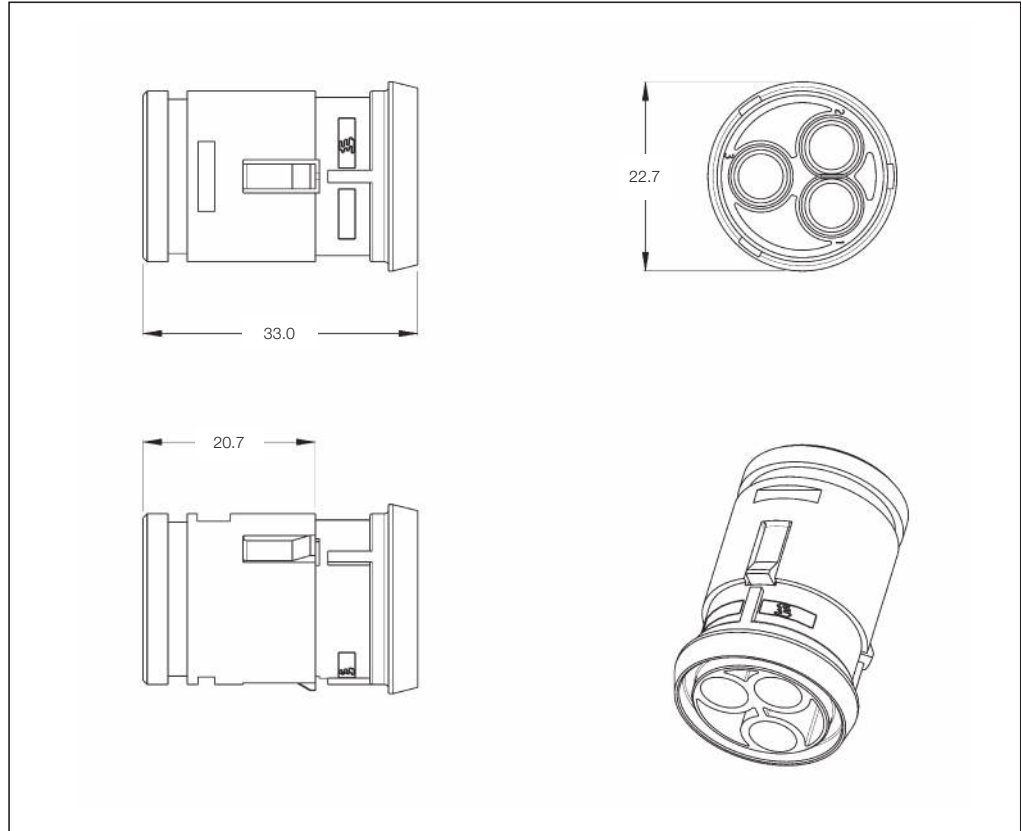Part No. **100132-1**

Extraction Tool:
Part No. **1-1579007-9**

Spare Tube:
Part No. **5-1579007-1**

Wire Seal Hand Applicator:
Part No. **100653-1**

3 Position Housings for 4.0 mm Socket Contact M27 Version

Thread	Insulation Diameter (mm)	Part Numbers		
		Cover Right-Angle	Cover Straight	Connector Assembly
M27	1.4–3.0	100291-1	100292-1	100285-1

All specifications subject to change. Consult TE Connectivity for latest specifications.

Econoseal EHM Series

Sealed Socket Housings EHM Series

Section Catalog 1654365-1
Issued 4-2010
Main Catalog 1654400-1
Chapter 19 – Issued 4-2010

4 Position Housings for 4.0 mm Socket Contact 16S Bayonet Version

Technical Features

No. of Positions:
4 Positions

Housing Material:
PBT

Wire Size Range:
0.5–4.0 mm^2

Socket Contact:
Part No. **962952-1**
(0.5 to 1.0 mm^2)
Part No. **962952-1**
(1.0 to 2.5 mm^2)

Wire Seal:
Part No. **963243-1**
(1.4 to 2.1 mm diameter)
Part No. **963244-1**
(2.2 to 3.0 mm diameter)

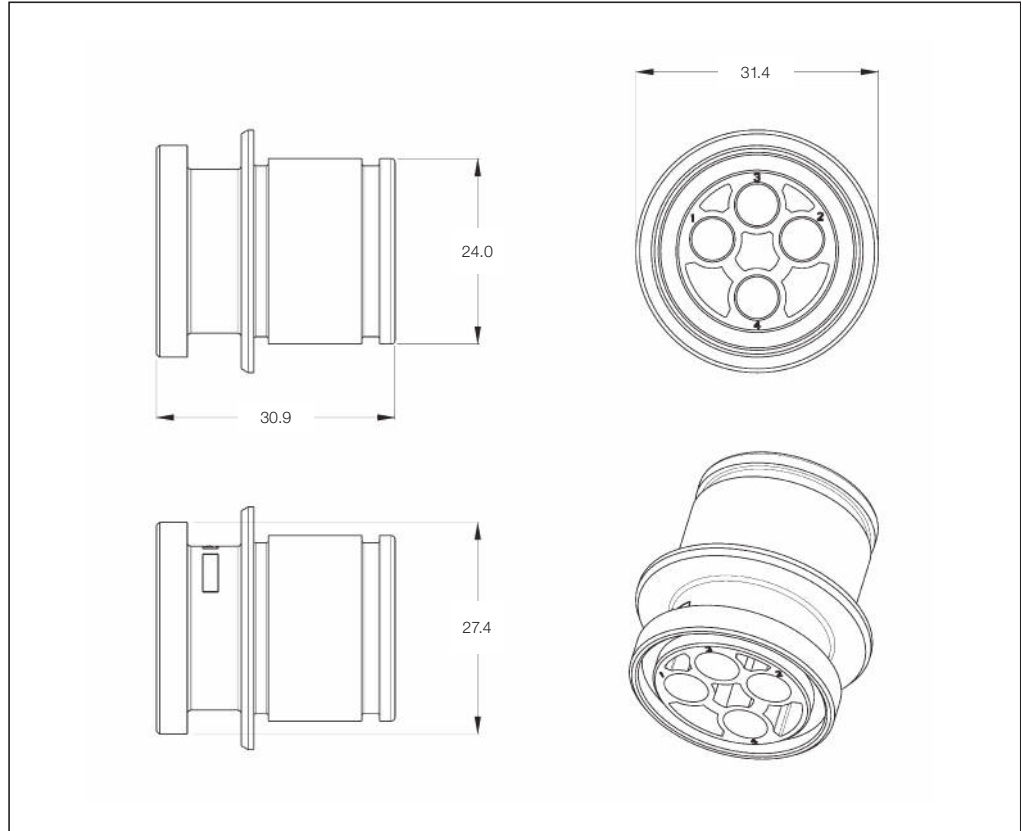**Cavity Plug:**
Part No. **100132-1**

Extraction Tool:
Part No. **1-1579007-9**

Spare Tube:
Part No. **5-1579007-1**

Wire Seal Hand Applicator:
Part No. **100653-1**

4 Position Housings for 4.0 mm Socket Contact M27 Version

Thread	Insulation Diameter (mm)	Part Numbers		
		Cover Right-Angle	Cover Straight	Connector Assembly
M27	1.4–3.0	100130-1	–	100201-1

All specifications subject to change. Consult TE Connectivity for latest specifications.

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Engineering Notes

Econoseal III .070 Series

Wire-to-Board – Low Current

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connectivity

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Socket Housings

Technical Features

No. of Positions:
18 Positions

Housing Material:
PA66

Wire Size Range:
$0.2–2.0$ mm^2

Extraction Tool:
Part No. **1-1579007-5**

Product Specification:
108-3114

Application Specification:
114-5082
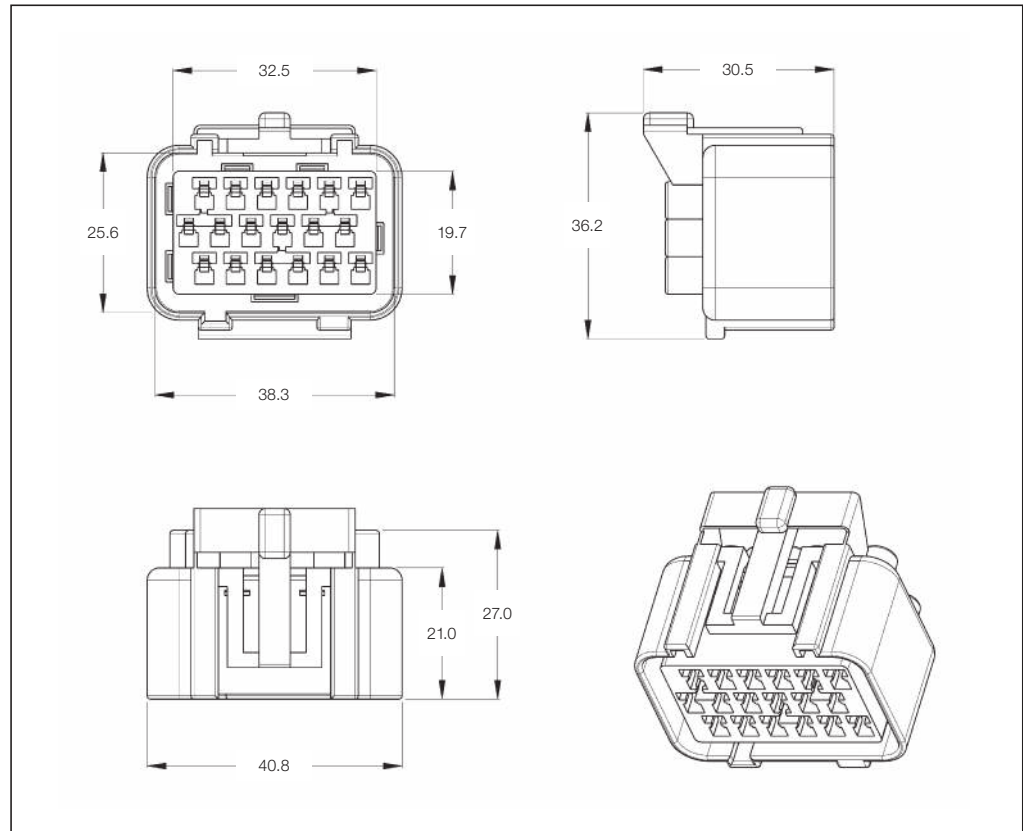
18 Position Socket Housing

Keying Options	Housing Color	Part Numbers				
		Socket Housing	Package Quantity	Socket Anti-Backout	Mating PCB Header	
					Right-Angle	Vertical
–	Black	344106-1	100	1344107-1	344103-1	–

All specifications subject to change. Consult TE Connectivity for latest specifications.

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Econoseal III .070 Series
Wire-to-Board – Low Current

Socket Housings

Technical Features

No. of Positions:
36 Positions

Housing Material:
PA66

Wire Size Range:
0.2–2.0 mm^2

Extraction Tool:
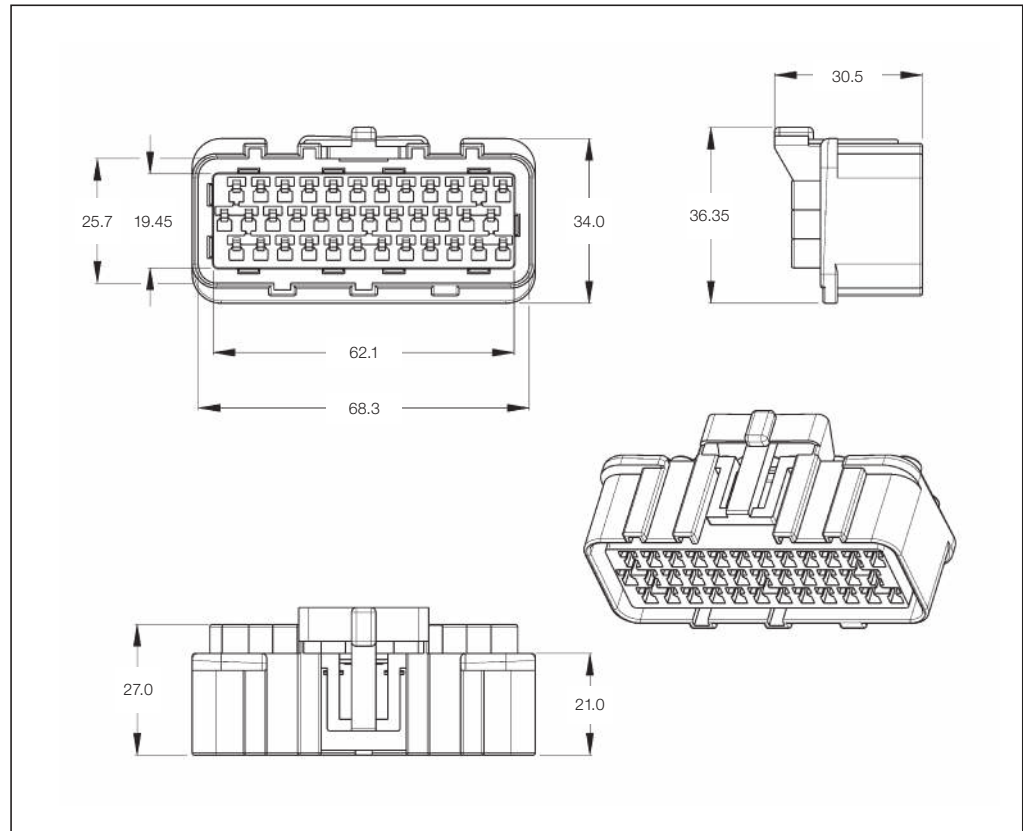Part No. **1-1579007-5**

Product Specification:
108-3114

Application Specification:
114-5082

36 Position Socket Housing

Keying Options	Housing Color	Part Numbers				
		Socket Housing	Package Quantity	Socket Anti-Backout	Mating PCB Header Right-Angle	Vertical
–	Black	344111-1	100	1344112-1	344108-1	–

Econoseal III .070 Series

Wire-to-Board – Low Current

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Printed Circuit Board Headers

Technical Features

No. of Positions:
18 Positions

Housing Material:
PA66

Product Specification:
108-3114

Application Specification:
—

18 Position PC Board Header

Keying Options	Housing Color	Part Numbers			
		PCB Header		Package Quantity	Mating Socket Housing
		Right-Angle	Vertical		
–	Black	344103-1	–	195	344106-1

All specifications subject to change. Consult TE Connectivity for latest specifications.

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Econoseal III .070 Series

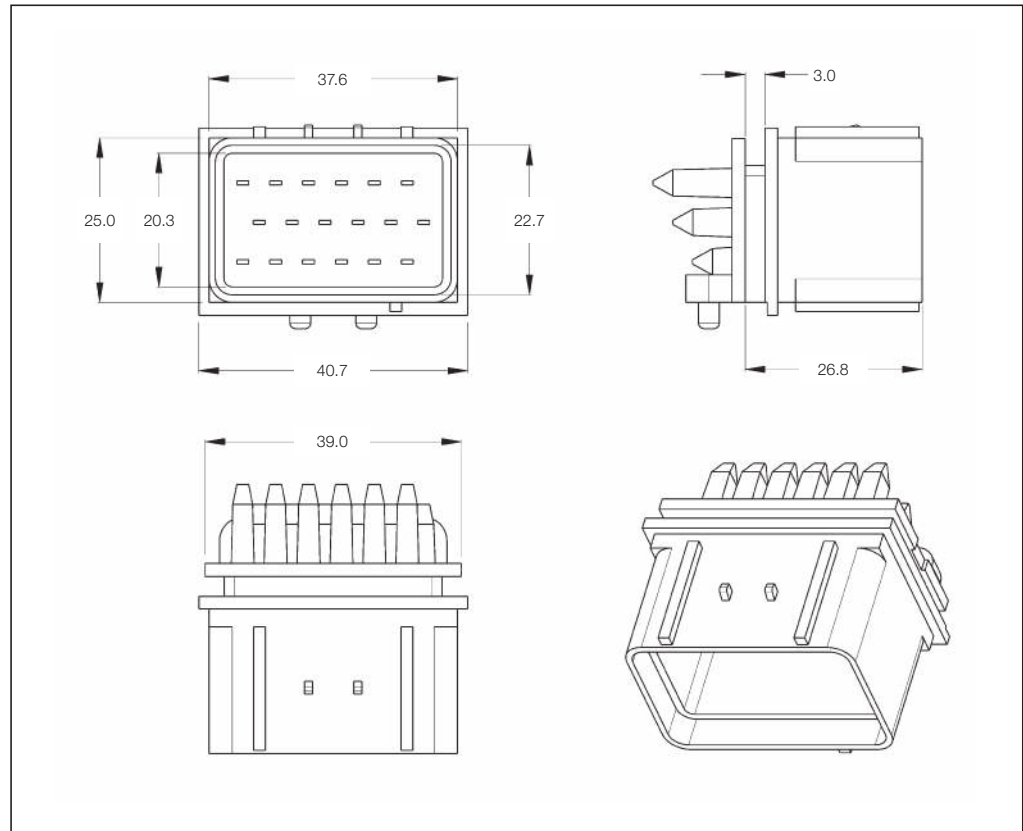Wire-to-Board – Low Current

Printed Circuit Board Headers

Technical Features

No. of Positions:
36 Positions
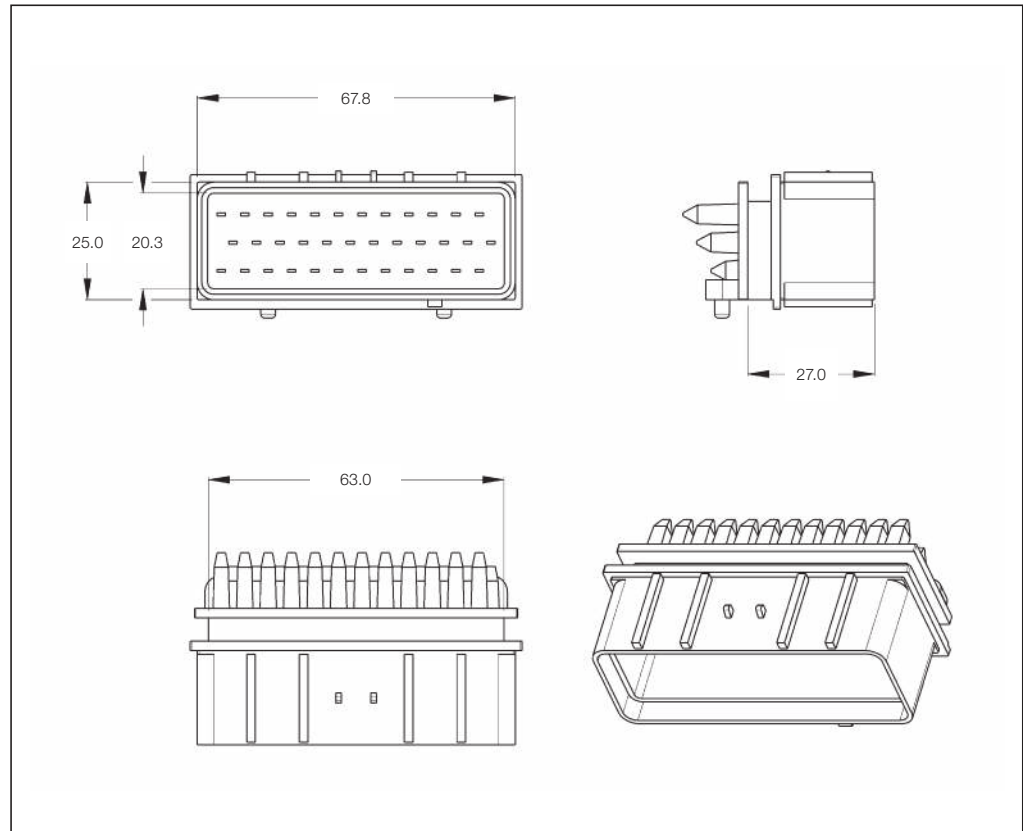
Housing Material:
PA66

Product Specification:
108-3114

Application Specification:
—

36 Position PC Board Header

Keying Options	Housing Color	Part Numbers			
		PCB Header		Package Quantity	Mating Socket Housing
		Right-Angle	Vertical		
–	Black	344108-1	–	117	344111-1

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Chapter 19 – Issued 4-2010

Econoseal III .070 Series
Wire-to-Wire – Low Current

Sealed Socket Housings

Technical Features

No. of Positions:
2 Positions

Housing Material:
PA66

Wire Size Range:
0.2–2.0 mm^2
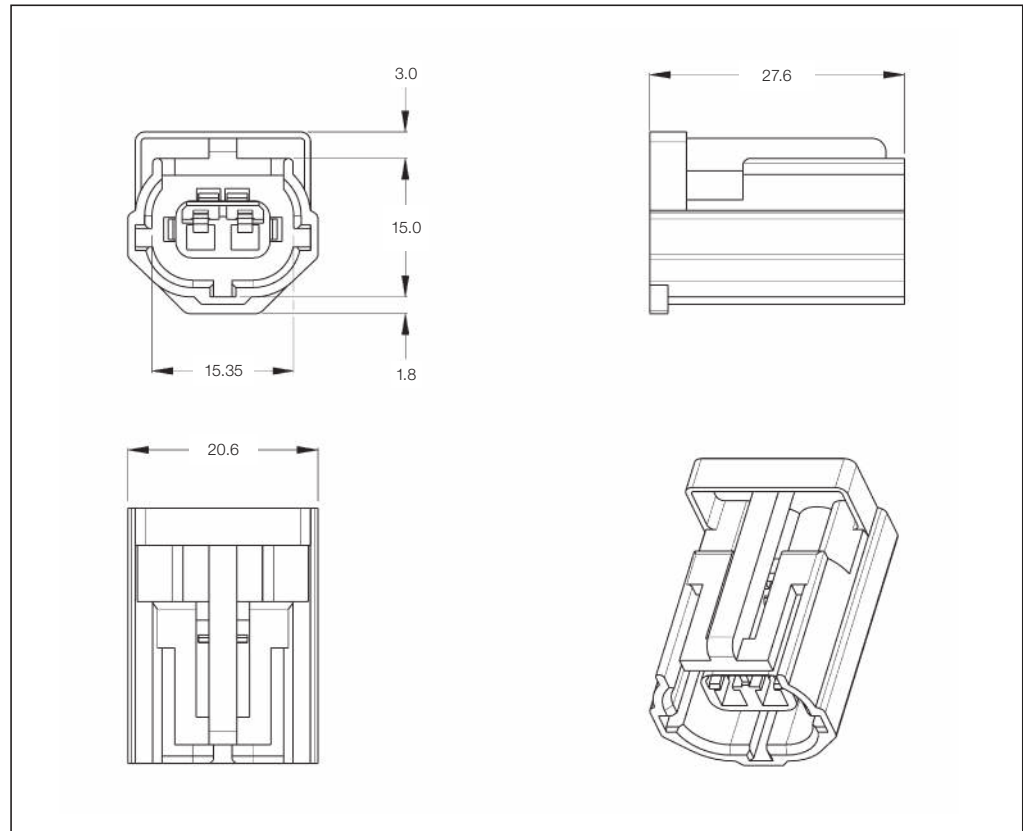
Extraction Tool:
Part No. **1-1579007-5**

Product Specification:
108-3069

Application Specification:
114-3040

2 Position Socket Housing

Keying Options	Housing Color*	Part Numbers			
		Socket Housing	Package Quantity	Socket Anti-Backout	Mating Pin Housing
–	Black	344276-1	500	345254-1	344274-1

*) Other colors on request.

All specifications subject to change. Consult TE Connectivity for latest specifications.

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Econoseal III .070 Series

Wire-to-Wire – Low Current

Section Catalog 1654365-1
Issued 4-2010
Main Catalog 1654400-1
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Sealed Socket Housings

Technical Features

No. of Positions:
3 Positions

Housing Material:
PA66

Wire Size Range:
0.2–2.0 mm^2
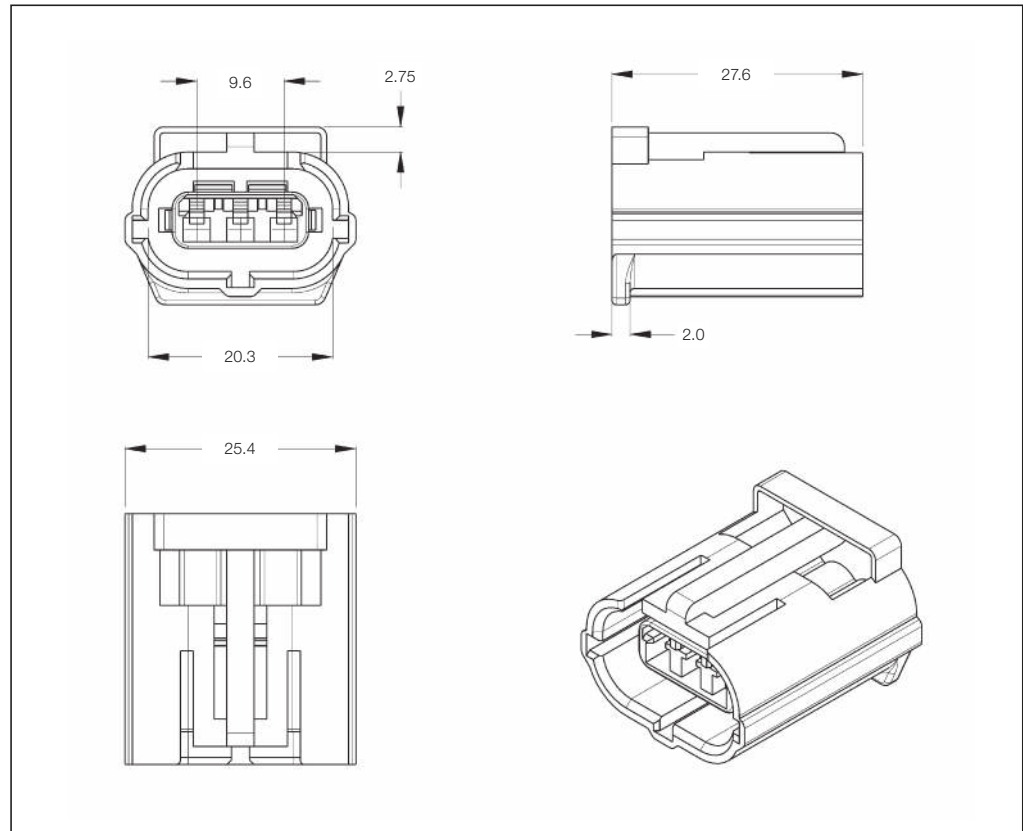
Extraction Tool:
Part No. **1-1579007-5**

Product Specification:
108-3069

Application Specification:
114-3040

3 Position Socket Housing

Keying Options	Housing Color*	Part Numbers			
		Socket Housing	Package Quantity	Socket Anti-Backout	Mating Pin Housing
–	Black	344273-1	500	345256-1	344271-1

*) Other colors on request.

All specifications subject to change. Consult TE Connectivity for latest specifications.

TE connectivity

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Econoseal III .070 Series
Wire-to-Wire – Low Current

Sealed Socket Housings

Technical Features

No. of Positions:
4 Positions

Housing Material:
PA66

Wire Size Range:
0.2–2.0 mm^2

Extraction Tool:
Part No. **1-1579007-5**

Product Specification:
108-3069

Application Specification:
114-3040

4 Position Socket Housing

Keying Options	Housing Color*	Part Numbers			
		Socket Housing	Package Quantity	Socket Anti-Backout	Mating Pin Housing
–	Black	344270-1	500	345258-1	344268-1

*) Other colors on request.

All specifications subject to change. Consult TE Connectivity for latest specifications.

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Econoseal III .070 Series

Wire-to-Wire – Low Current

Sealed Socket Housings

Technical Features

No. of Positions:
6 Positions

Housing Material:
PA66

Wire Size Range:
0.2–2.0 mm^2

Extraction Tool:
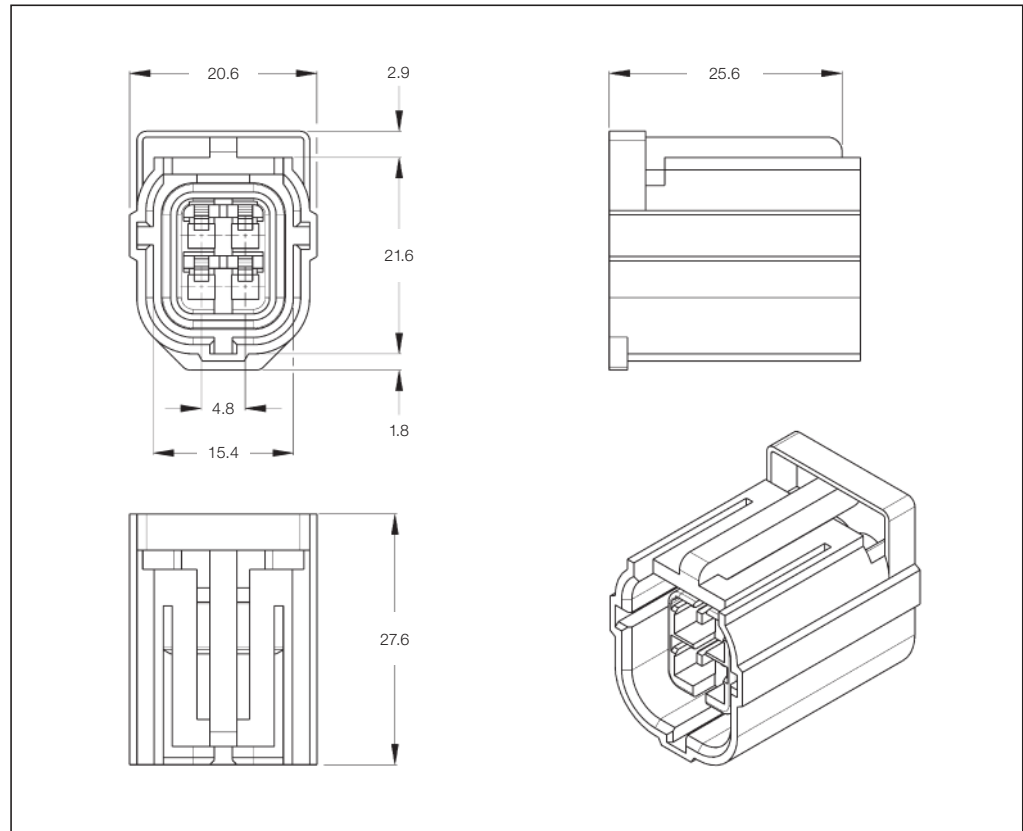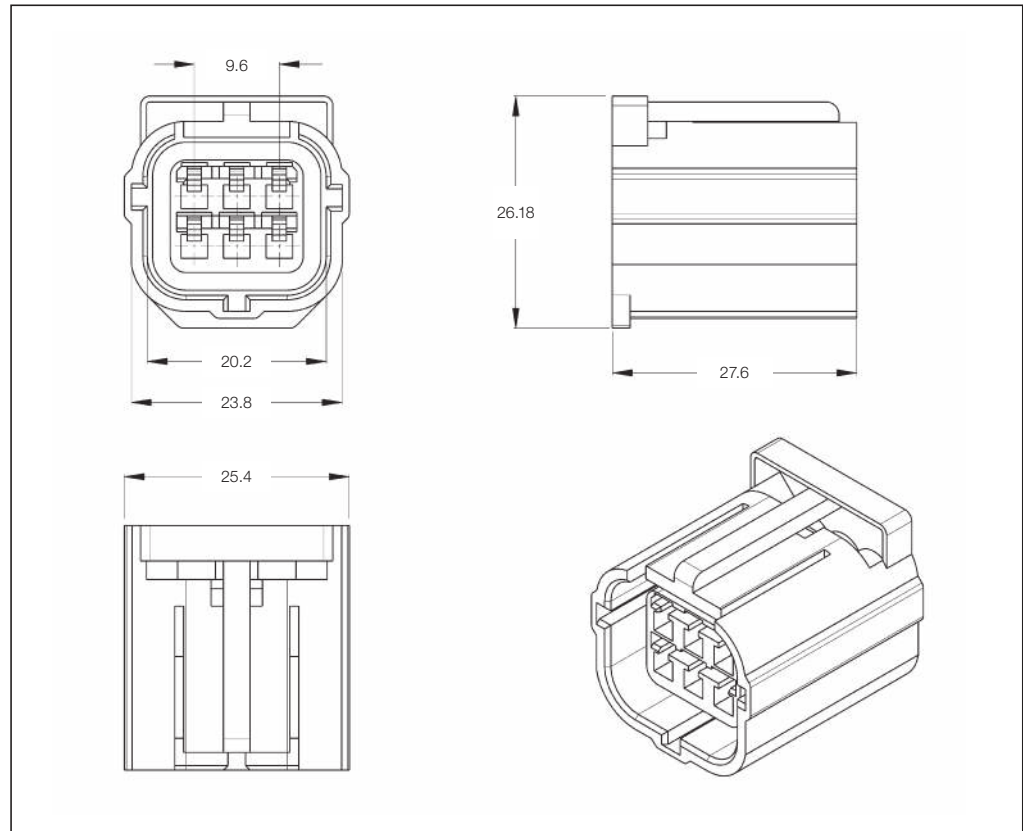Part No. **1-1579007-5**

Product Specification:
108-3069

Application Specification:
114-3040

6 Position Socket Housing

Keying Options	Housing Color*	Part Numbers			
		Socket Housing	Package Quantity	Socket Anti-Backout	Mating Pin Housing
–	Black	344267-1	500	345260-1	344265-1

*) Other colors on request.

Econoseal III .070 Series

Wire-to-Wire – Low Current

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Sealed Socket Housings

Technical Features

No. of Positions:
13 Positions

Housing Material:
PA66

Wire Size Range:
0.2–2.0 mm^2

Extraction Tool:
Part No. **1-1579007-5**

Product Specification:
108-3069

Application Specification:
114-3040

34.95   24.6

32.05   26.95

33.4
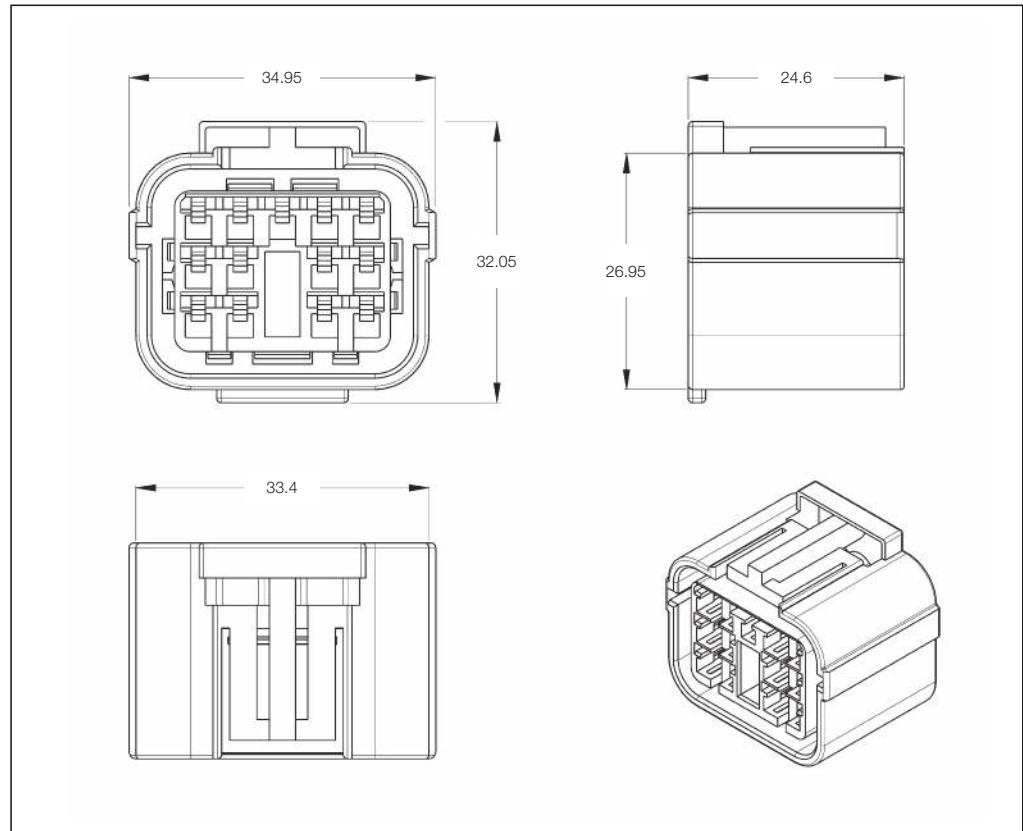
13 Position Socket Housing

Keying Options	Housing Color*	Part Numbers			
		Socket Housing	Package Quantity	Socket Anti-Backout	Mating Pin Housing
–	Black	344263-1	200	345264-1	344260-1

*) Other colors on request.

Econoseal III .070 Series

Wire-to-Wire – Low Current

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Sealed Pin Housings

Technical Features

No. of Positions:
2 Positions

Housing Material:
PA66

Wire Size Range:
0.2–2.0 mm^2

Extraction Tool:
Part No. **1-1579007-5**

Product Specification:
108-3069

Application Specification:
114-3040

15.13

11.1

6.55

32.5

16.55

18.33
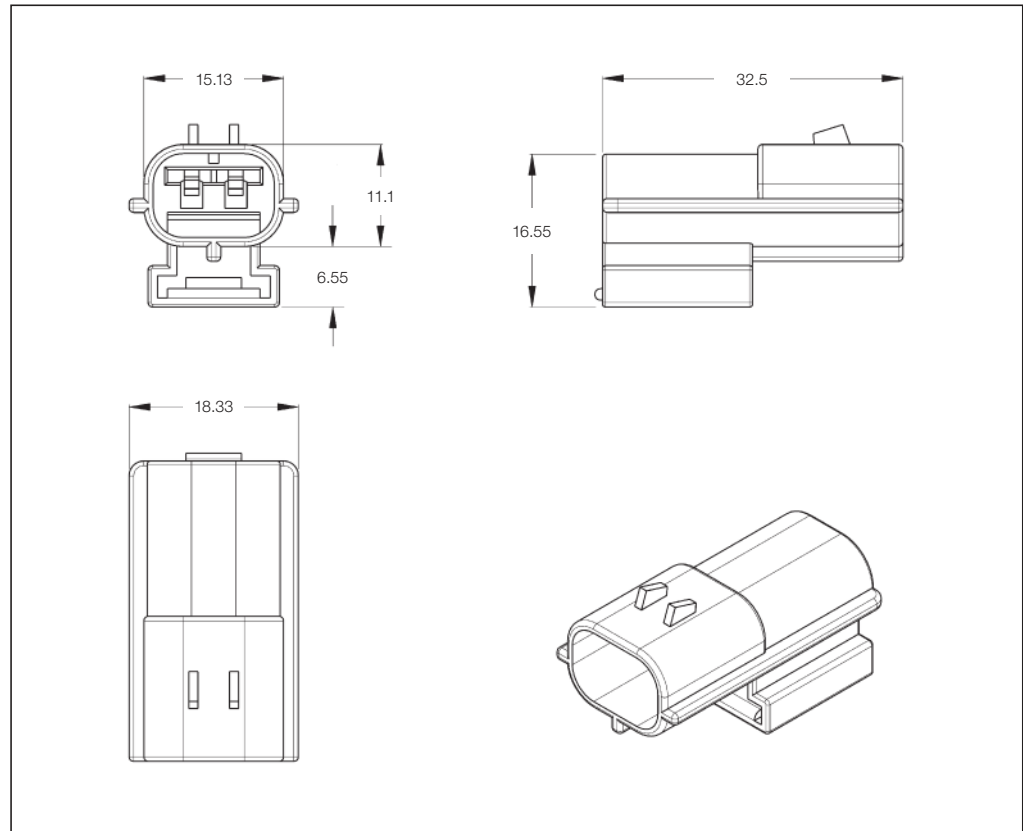
3 Position Pin Housing

Keying Options	Housing Color*	Part Numbers			
		Pin Housing	Package Quantity	Pin Anti-Backout	Mating Socket Housing
–	Black	344274-1	4,000	345253-1	344276-1

*) Other colors on request.

Econoseal III .070 Series
Wire-to-Wire – Low Current

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Sealed Pin Housings

Technical Features

No. of Positions:
3 Positions

Housing Material:
PA66

Wire Size Range:
0.2–2.0 mm^2

Extraction Tool:
Part No. **1-1579007-5**

Product Specification:
108-3069

Application Specification:
114-3040
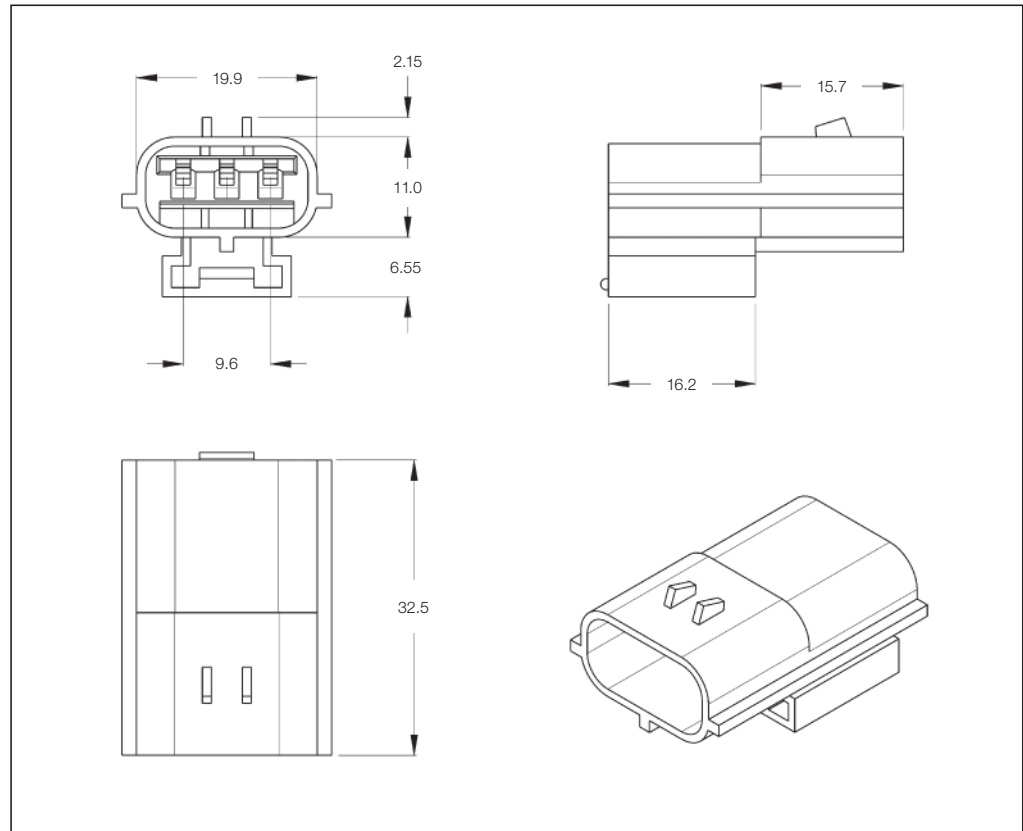
3 Position Pin Housing

Keying Options	Housing Color*	Part Numbers			
		Pin Housing	Package Quantity	Pin Anti-Backout	Mating Socket Housing
–	Black	344271-1	3,300	345255-1	344273-1

*) Other colors on request.

Econoseal III .070 Series

Wire-to-Wire – Low Current

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Sealed Pin Housings

Technical Features

No. of Positions:
4 Positions

Housing Material:
PA66

Wire Size Range:
0.2–2.0 mm^2

Extraction Tool:
Part No. **1-1579007-5**

Product Specification:
108-3069

Application Specification:
114-3040
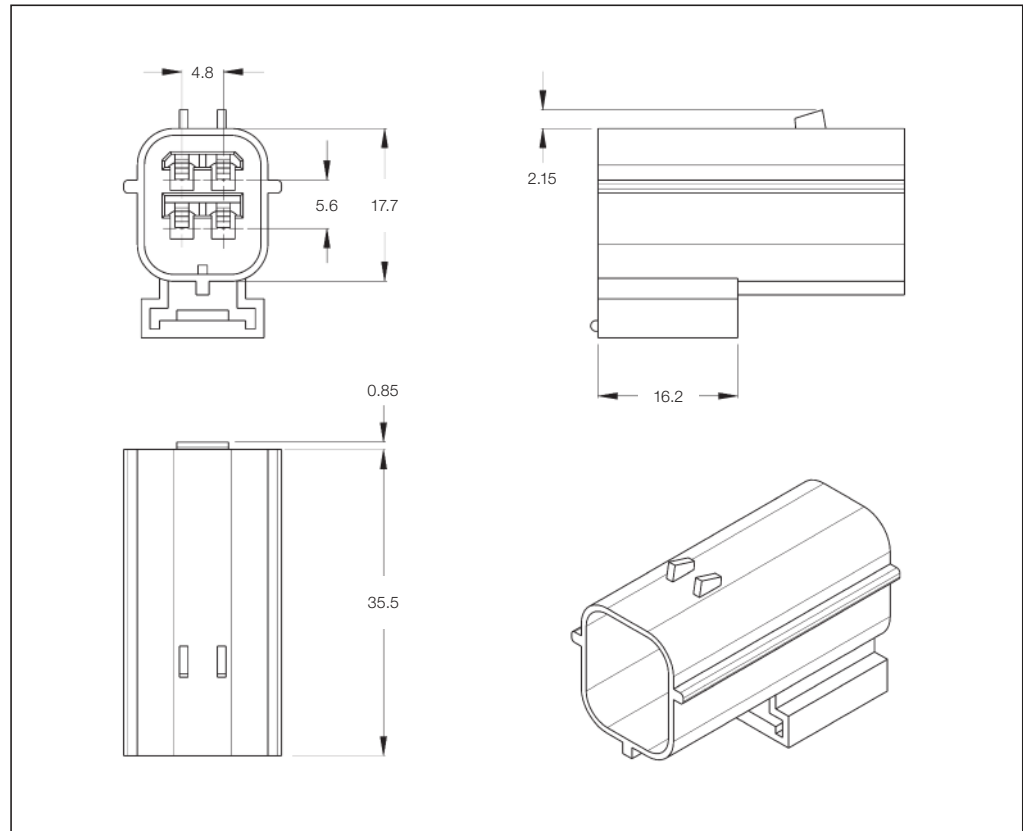
4 Position Pin Housing

Keying Options	Housing Color*	Part Numbers			
		Pin Housing	Package Quantity	Pin Anti-Backout	Mating Socket Housing
–	Black	344268-1	2,500	345257-1	344270-1

*) Other colors on request.

All specifications subject to change. Consult TE Connectivity for latest specifications.

Econoseal III .070 Series
Wire-to-Wire – Low Current

Section Catalog 1654365-1
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Sealed Pin Housings

Technical Features

No. of Positions:
6 Positions

Housing Material:
PA66

Wire Size Range:
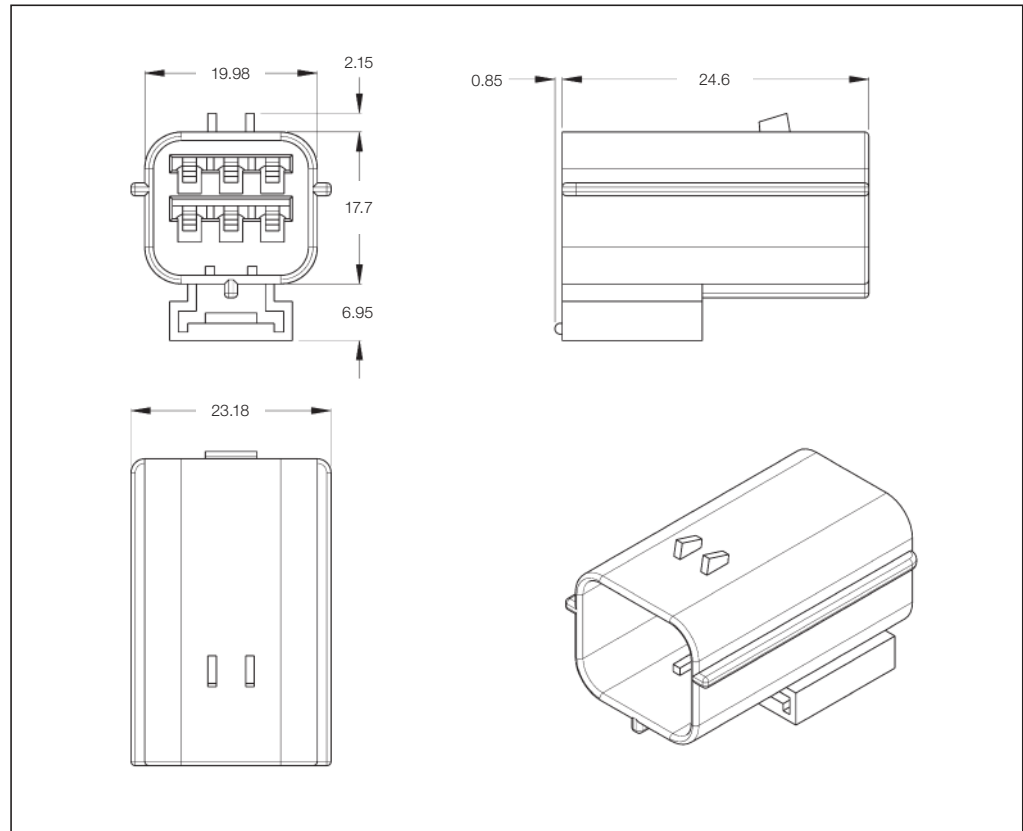0.2–2.0 mm^2

Extraction Tool:
Part No. **1-1579007-5**

Product Specification:
108-3069

Application Specification:
114-3040

6 Position Pin Housing

Keying Options	Housing Color*	Part Numbers			
		Pin Housing	Package Quantity	Pin Anti-Backout	Mating Socket Housing
–	Black	344265-1	2,000	345259-1	344267-1

*) Other colors on request.

All specifications subject to change. Consult TE Connectivity for latest specifications.

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Econoseal III .070 Series

Wire-to-Wire – Low Current

Sealed Pin Housings

Technical Features

No. of Positions:
13 Positions

Housing Material:
PA66

Wire Size Range:
0.2–2.0 mm^2
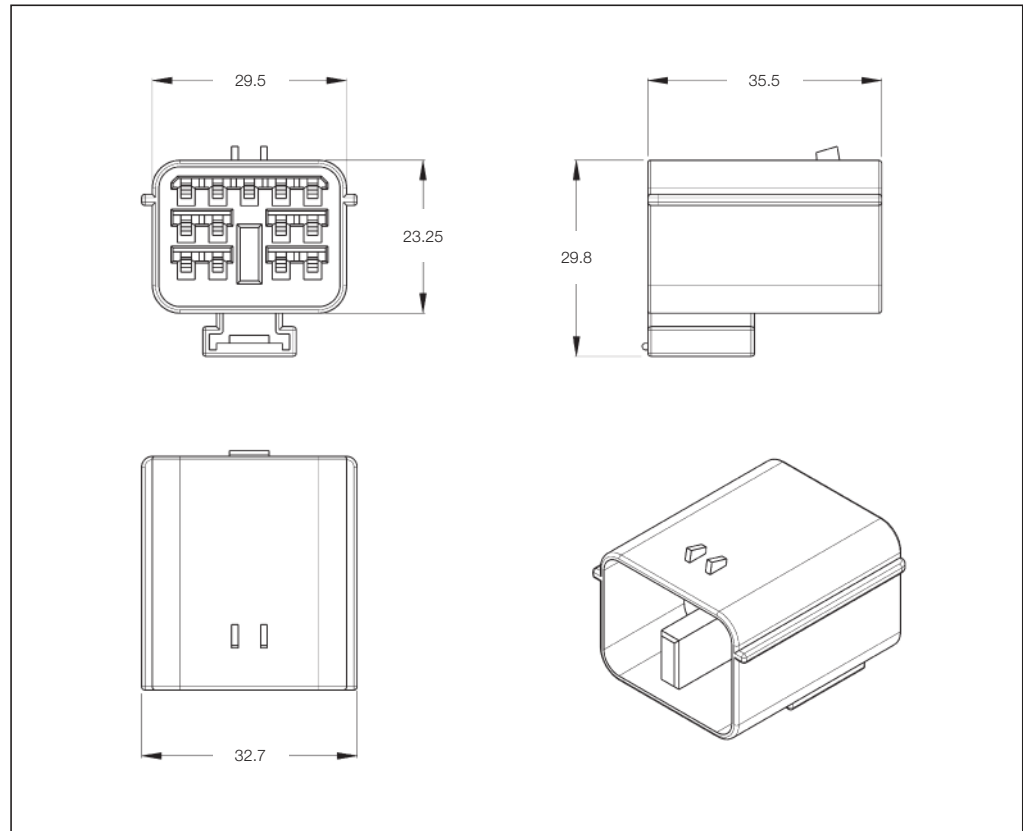
Extraction Tool:
Part No. **1-1579007-5**

Product Specification:
108-3069

Application Specification:
114-3040

13 Position Pin Housing

Keying Options	Housing Color*	Part Numbers			
		Pin Housing	Package Quantity	Pin Anti-Backout	Mating Socket Housing
–	Black	344260-1	1,000	345261-1	344263-1

*) Other colors on request.

All specifications subject to change. Consult TE Connectivity for latest specifications.

Econoseal III .250 Series

Wire-to-Wire – High Current

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Chapter 19 – Issued 4-2010

Sealed Socket Housings

Technical Features

No. of Positions:
2 Positions

Housing Material:
PA66

Wire Size Range:
0.5–3.0 mm^2
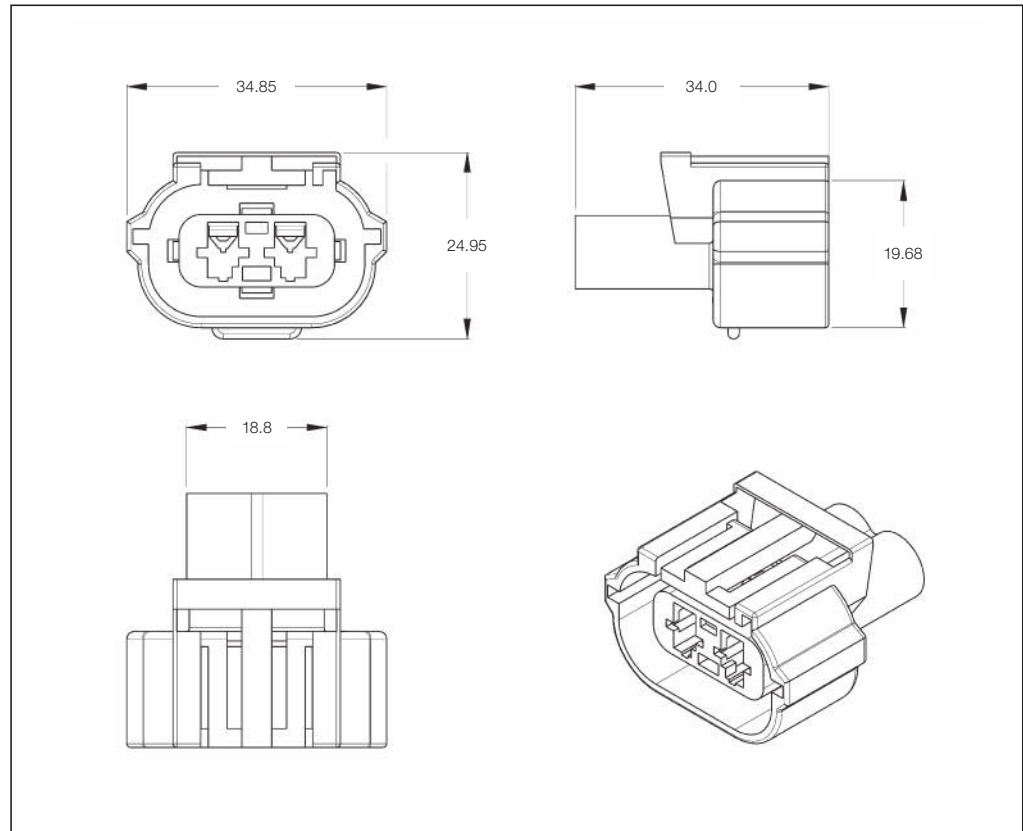
Extraction Tool:
Part No. **724712-1**

Product Specification:
108-3069

Application Specification:
—

2 Position Socket Housing

Keying Options	Housing Color*	Part Numbers			
		Socket Housing	Package Quantity	Socket Anti-Backout	Mating Pin Housing
–	Black	344081-1	300	345089-1	344075-1

*) Other colors on request.

All specifications subject to change. Consult TE Connectivity for latest specifications.

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Econoseal III .250 Series
Wire-to-Wire – High Current

Section Catalog 1654365-1
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Main Catalog 1654400-1
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Sealed Socket Housings

Technical Features

No. of Positions:
4 Positions

Housing Material:
PA66

Wire Size Range:
0.5–3.0 mm^2

Extraction Tool:
Part No. **724712-1**

Product Specification:
108-3069

Application Specification:
—

43.85

34.05

34.08

18.8

27.8

4 Position Socket Housing

Keying Options	Housing Color*	Part Numbers			
		Socket Housing	Package Quantity	Socket Anti-Backout	Mating Pin Housing
–	Black	344080-1	150	344087-1	344074-1

*) Other colors on request.

All specifications subject to change. Consult TE Connectivity for latest specifications.

Econoseal III .250 Series

Wire-to-Wire – High Current

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Sealed Socket Housings

Technical Features

No. of Positions:
8 Positions

Housing Material:
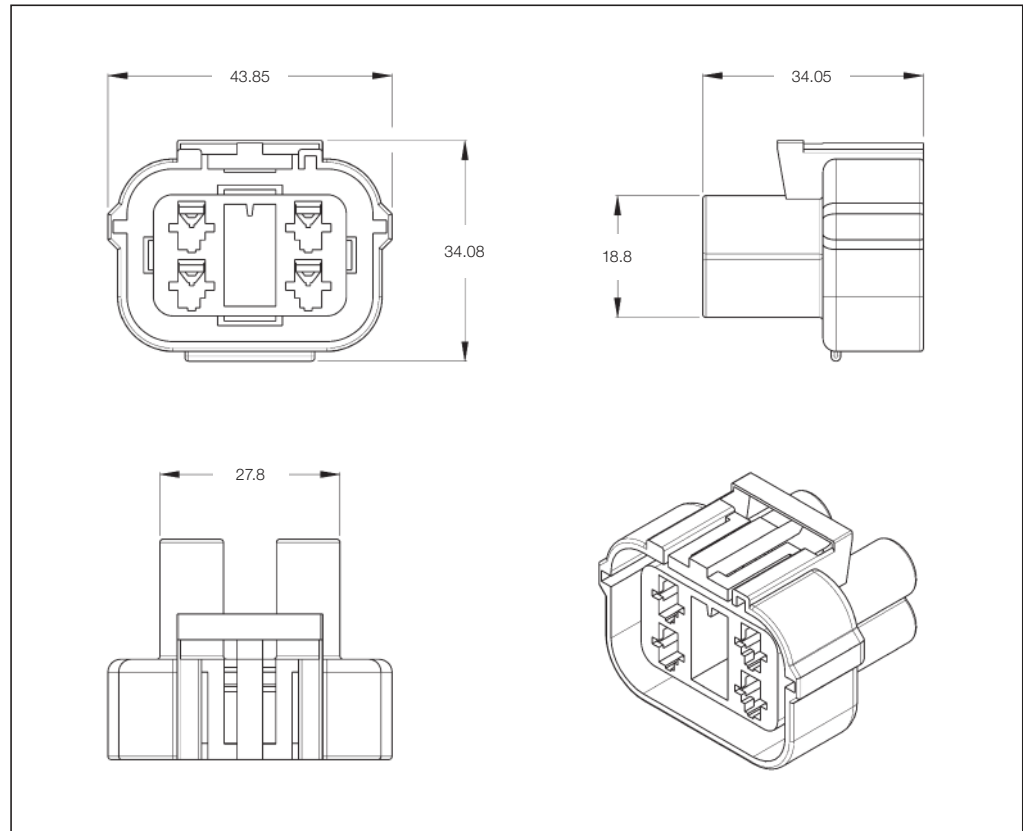PA66

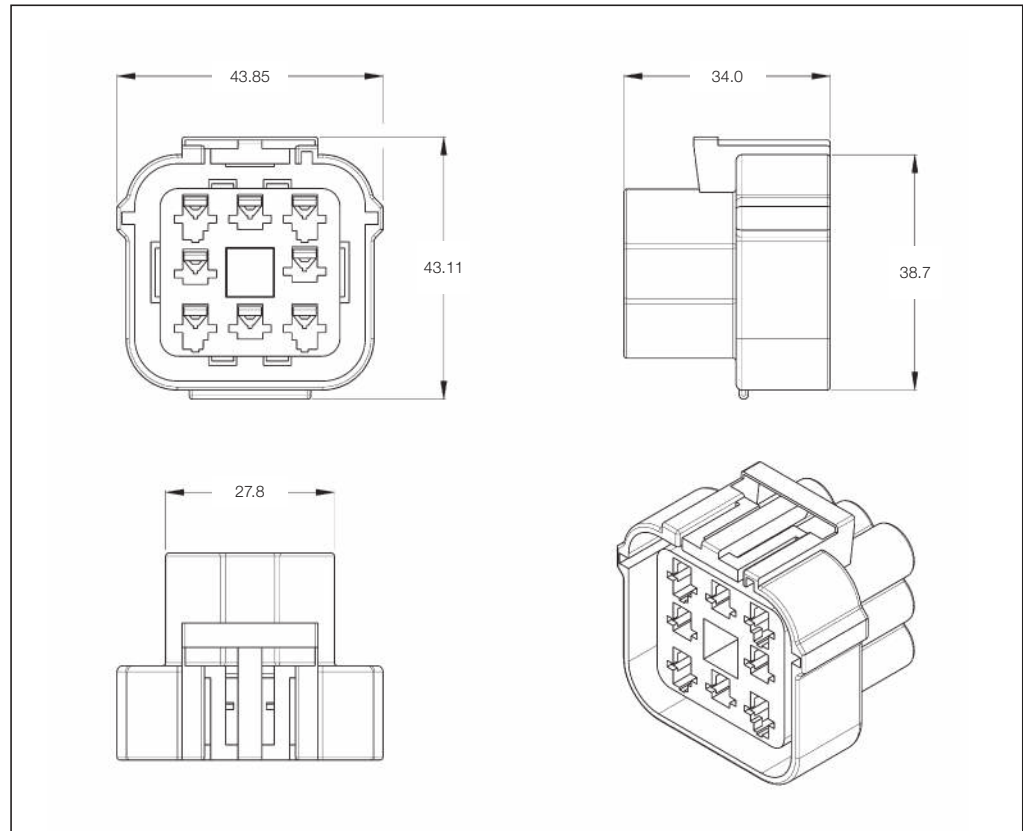**Wire Size Range:**
0.5–3.0 mm^2

Extraction Tool:
Part No. **724712-1**

Product Specification:
108-3069

Application Specification:
—

8 Position Socket Housing

Keying Options	Housing Color*	Part Numbers			
		Socket Housing	Package Quantity	Socket Anti-Backout	Mating Pin Housing
–	Black	344079-1	100	344085-1	344073-1

*) Other colors on request.

All specifications subject to change. Consult TE Connectivity for latest specifications.

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Econoseal III .250 Series
Wire-to-Wire – High Current

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Sealed Pin Housings

Technical Features

No. of Positions:
2 Positions

Housing Material:
PA66

Wire Size Range:
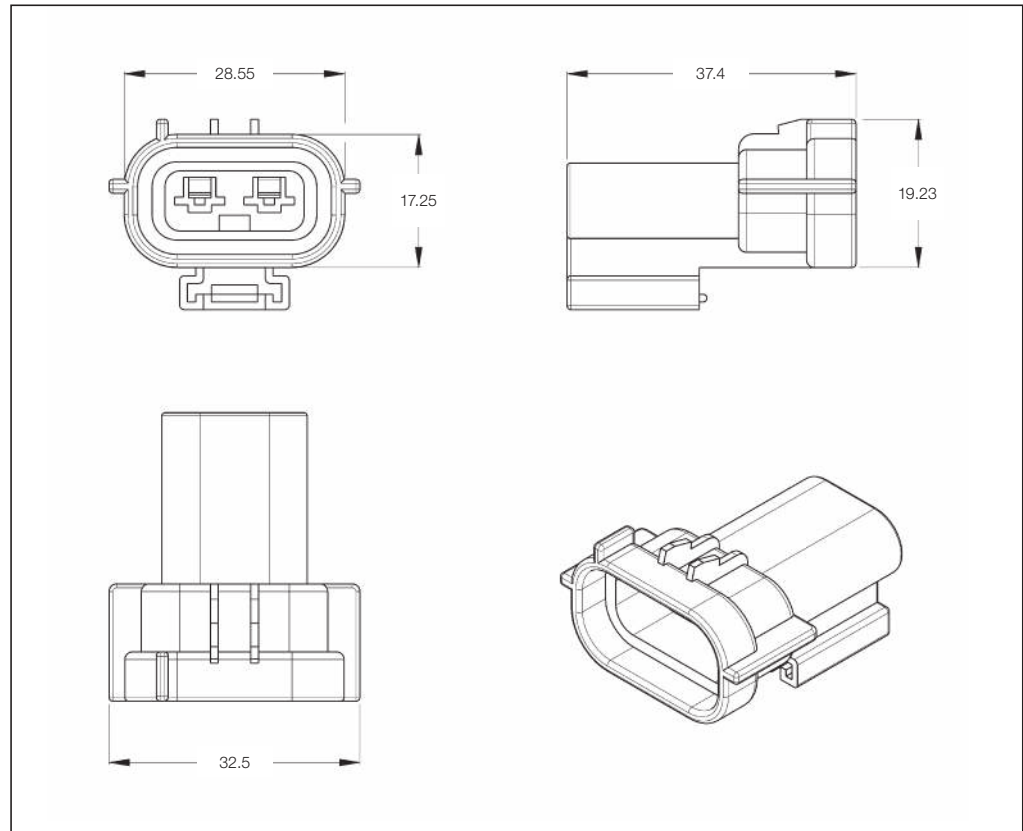0.5–3.0 mm^2

Extraction Tool:
Part No. **724713-1**

Product Specification:
108-3069

Application Specification:
—

2 Position Pin Housing

Keying Options	Housing Color*	Part Numbers			
		Pin Housing	Package Quantity	Pin Anti-Backout	Mating Socket Housing
–	Black	344075-1	2,000	344090-1	344081-1

*) Other colors on request.

All specifications subject to change. Consult TE Connectivity for latest specifications.

Econoseal III .250 Series

Wire-to-Wire – High Current

Section Catalog 1654365-1
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Chapter 19 – Issued 4-2010

Sealed Pin Housings

Technical Features

No. of Positions:
4 Positions

Housing Material:
PA66

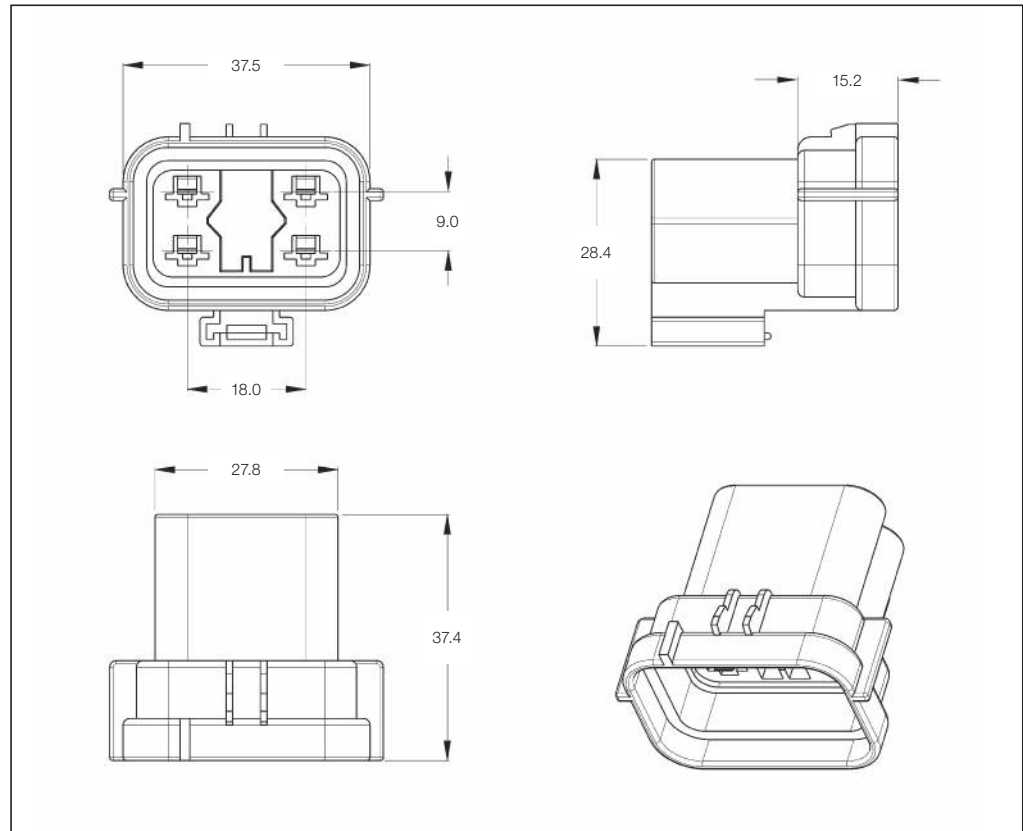**Wire Size Range:**
0.5–3.0 mm^2

Extraction Tool:
Part No. **724713-1**

Product Specification:
108-3069

Application Specification:
—

4 Position Pin Housing

Keying Options	Housing Color*	Part Numbers			
		Pin Housing	Package Quantity	Pin Anti-Backout	Mating Socket Housing
–	Black	344074-1	1,000	344088-1	344080-1

*) Other colors on request.

All specifications subject to change. Consult TE Connectivity for latest specifications.

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Econoseal III .250 Series

Wire-to-Wire – High Current

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Issued 4-2010
Main Catalog 1654400-1
Chapter 19 – Issued 4-2010

Sealed Pin Housings

Technical Features

No. of Positions:
8 Positions

Housing Material:
PA66

Wire Size Range:
0.5–3.0 mm^2
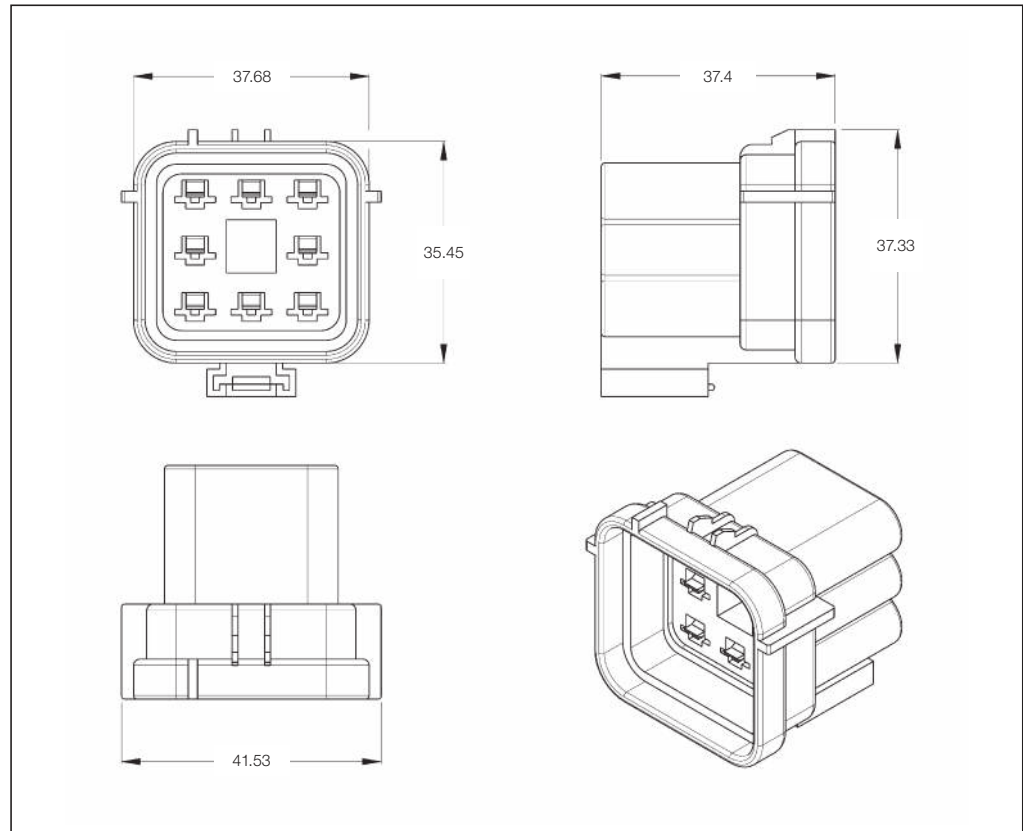
Extraction Tool:
Part No. **724713-1**

Product Specification:
108-3069

Application Specification:
—

8 Position Pin Housing

Keying Options	Housing Color*	Part Numbers			
		Pin Housing	Package Quantity	Pin Anti-Backout	Mating Socket Housing
–	Black	344073-1	700	344086-1	344079-1

*) Other colors on request.

All specifications subject to change. Consult TE Connectivity for latest specifications.

Econoseal J Series, Mark II (+)
Sealed Socket (Plug) Housings

Section Catalog 1654365-1
Issued 4-2010
Main Catalog 1654400-1
Chapter 19 – Issued 4-2010

1 Position Socket (Plug) Housing

Technical Features

No. of Positions:
1 Position

Housing Material:
PBT

Wire Size Range:
0.20–1.25 mm^2
(24–16 AWG)
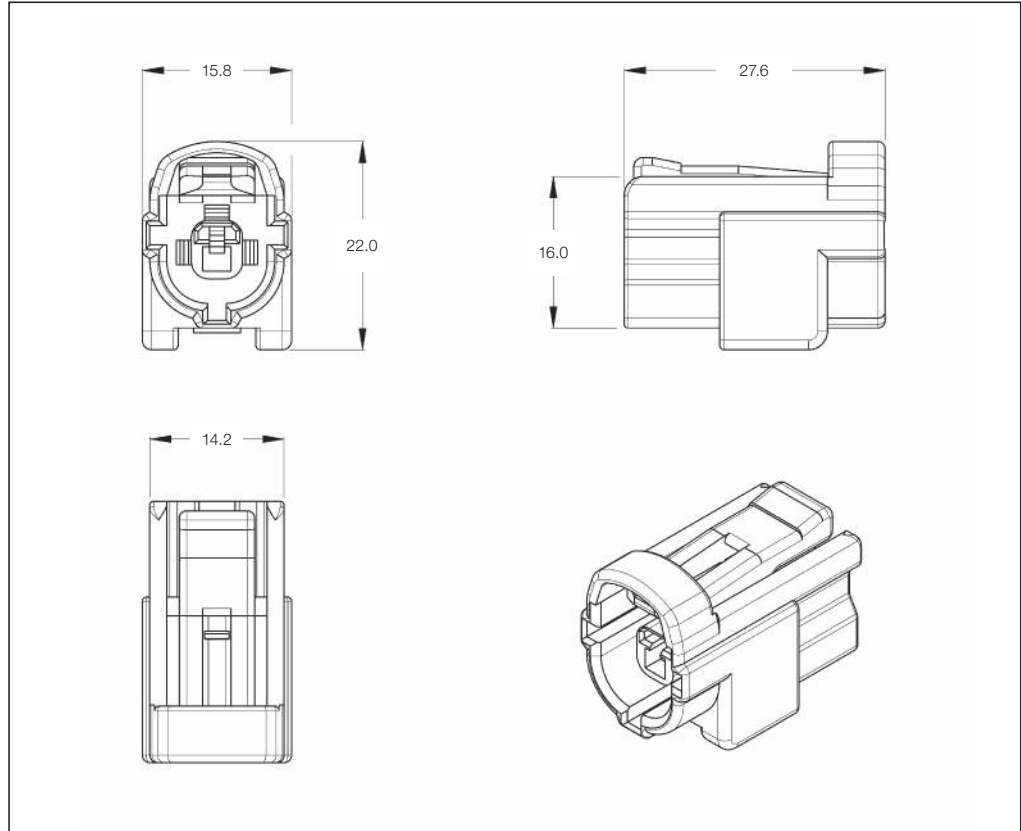
Product Specification:
108-5262

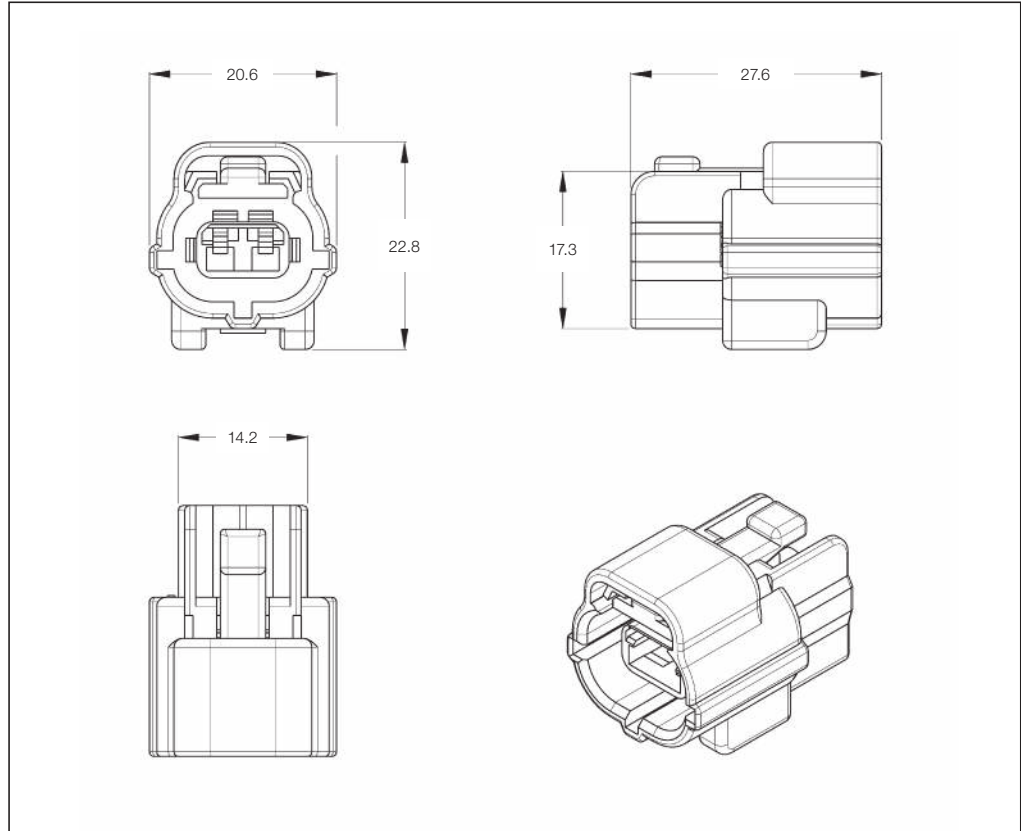**Application Specification:**
114-5082

Instruction Sheet:
412-5325

1 Position Socket (Plug) Housing

Keying Options	Housing Color	Part Numbers			
		Socket (Plug) Housing	Package Quantity	Socket Lock Plate	Mating Pin (Cap) Housing
–	Black	174877-2	100	174878-7 (Yellow)	174879-2
				1-174878-1 (White)	

Econoseal J Series, Mark II (+)

Sealed Socket (Plug) Housings

Section Catalog 1654365-1
Issued 4-2010
Main Catalog 1654400-1
Chapter 19 – Issued 4-2010

2 Position Socket (Plug) Housing

Technical Features

No. of Positions:
2 Positions

Housing Material:
PBT

Wire Size Range:
0.20–1.25 mm^2
(24–16 AWG)

Product Specification:
108-5262

Application Specification:
114-5082

Instruction Sheet:
412-5325

20.6

22.8

27.6

17.3

14.2

2 Position Socket (Plug) Housing

Keying Options	Housing Color	Part Numbers			
		Socket (Plug) Housing	Package Quantity	Socket Lock Plate	Mating Pin (Cap) Housing
–	Black	174352-2	100	174353-7 (Yellow)	174354-2
				1-174353-1 (White)	

Econoseal J Series, Mark II (+)
Sealed Socket (Plug) Housings

Section Catalog 1654365-1
Issued 4-2010
Main Catalog 1654400-1
Chapter 19 – Issued 4-2010

3 Position Socket (Plug) Housing

Technical Features

No. of Positions:
3 Positions

Housing Material:
PBT

Wire Size Range:
0.20–1.25 mm^2
(24–16 AWG)
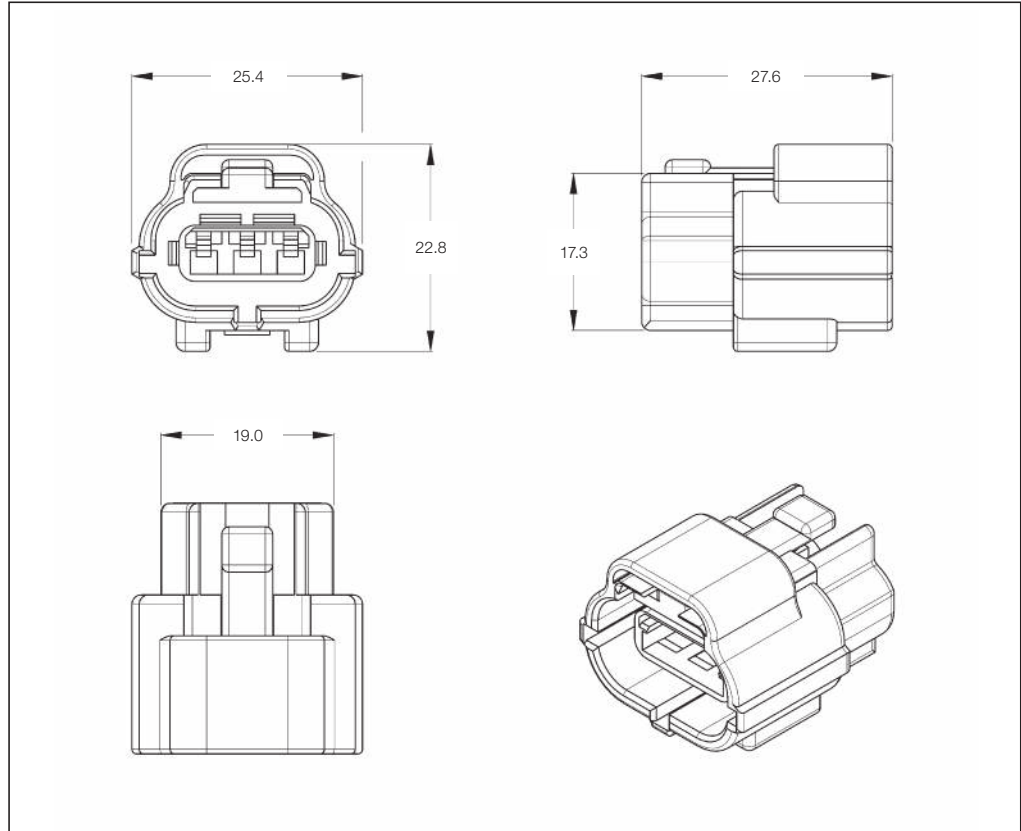
Product Specification:
108-5262

Application Specification:
114-5082

Instruction Sheet:
412-5325

3 Position Socket (Plug) Housing

Keying Options	Housing Color	Part Numbers			
		Socket (Plug) Housing	Package Quantity	Socket Lock Plate	Mating Pin (Cap) Housing
–	Black	174357-2	100	174358-7 (Yellow)	174359-2
				1-174358-1 (White)	

All specifications subject to change. Consult TE Connectivity for latest specifications.

19-45

Econoseal J Series, Mark II (+)
Sealed Socket (Plug) Housings

4 Position Socket (Plug) Housing

Technical Features

No. of Positions:
4 Positions

Housing Material:
PBT

Wire Size Range:
0.20–1.25 mm^2
(24–16 AWG)
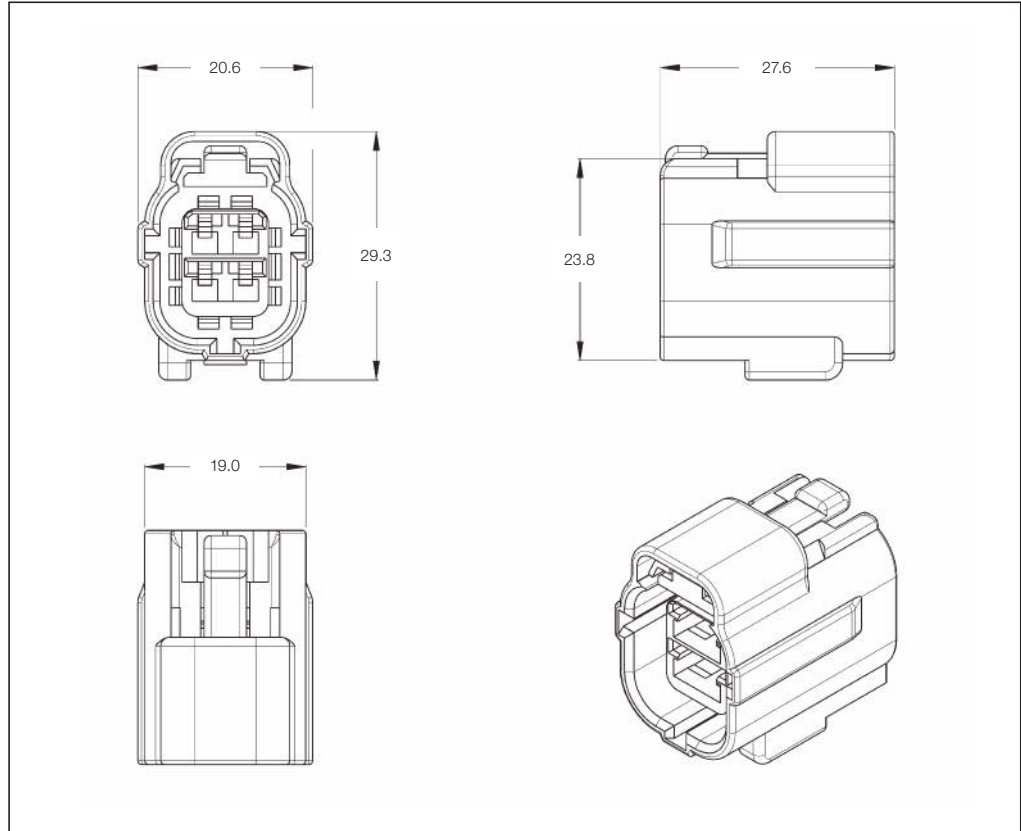
Product Specification:
108-5262

Application Specification:
114-5082

Instruction Sheet:
412-5325

4 Position Socket (Plug) Housing

Keying Options	Housing Color	Part Numbers			
		Socket (Plug) Housing	Package Quantity	Socket Lock Plate	Mating Pin (Cap) Housing
–	Black	174257-2	100	174258-7 (Yellow)	174259-2
				1-174258-1 (White)	

All specifications subject to change. Consult TE Connectivity for latest specifications.

Econoseal J Series, Mark II (+)

Sealed Socket (Plug) Housings

Section Catalog 1654365-1
Issued 4-2010
Main Catalog 1654400-1
Chapter 19 – Issued 4-2010

6 Position Socket (Plug) Housing

Technical Features

No. of Positions:
6 Positions

Housing Material:
PBT

Wire Size Range:
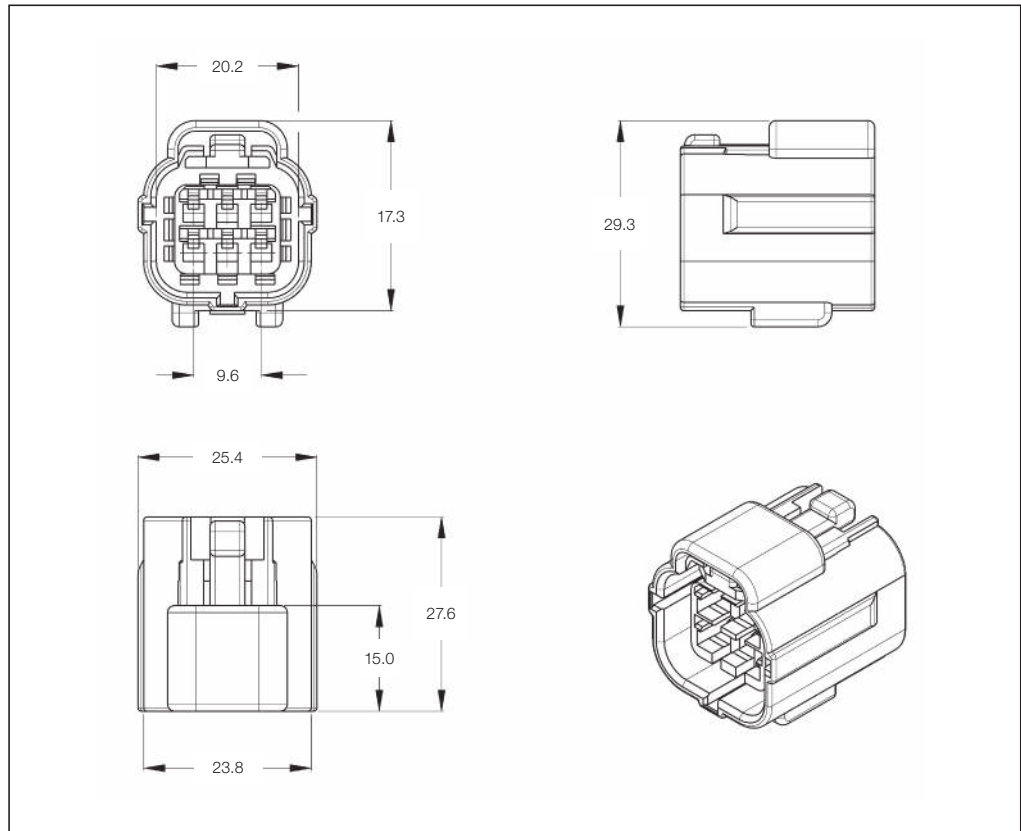0.20–1.25 mm^2
(24–16 AWG)

Product Specification:
108-5262

Application Specification:
114-5082

Instruction Sheet:
412-5325

(Dimensions shown: 20.2, 17.3, 9.6, 29.3, 25.4, 27.6, 15.0, 23.8)

6 Position Socket (Plug) Housing

Keying Options	Housing Color	Part Numbers			
		Socket (Plug) Housing	Package Quantity	Socket Lock Plate	Mating Pin (Cap) Housing
–	Black	174262-2	100	174263-7 (Yellow) 1-174263-1 (White)	174264-2

All specifications subject to change. Consult TE Connectivity for latest specifications.

19-47

Econoseal J Series, Mark II (+)
Sealed Socket (Plug) Housings

Section Catalog 1654365-1
Issued 4-2010
Main Catalog 1654400-1
Chapter 19 – Issued 4-2010

8 Position Socket (Plug) Housing

Technical Features

No. of Positions:
8 Positions

Housing Material:
PBT

Wire Size Range:
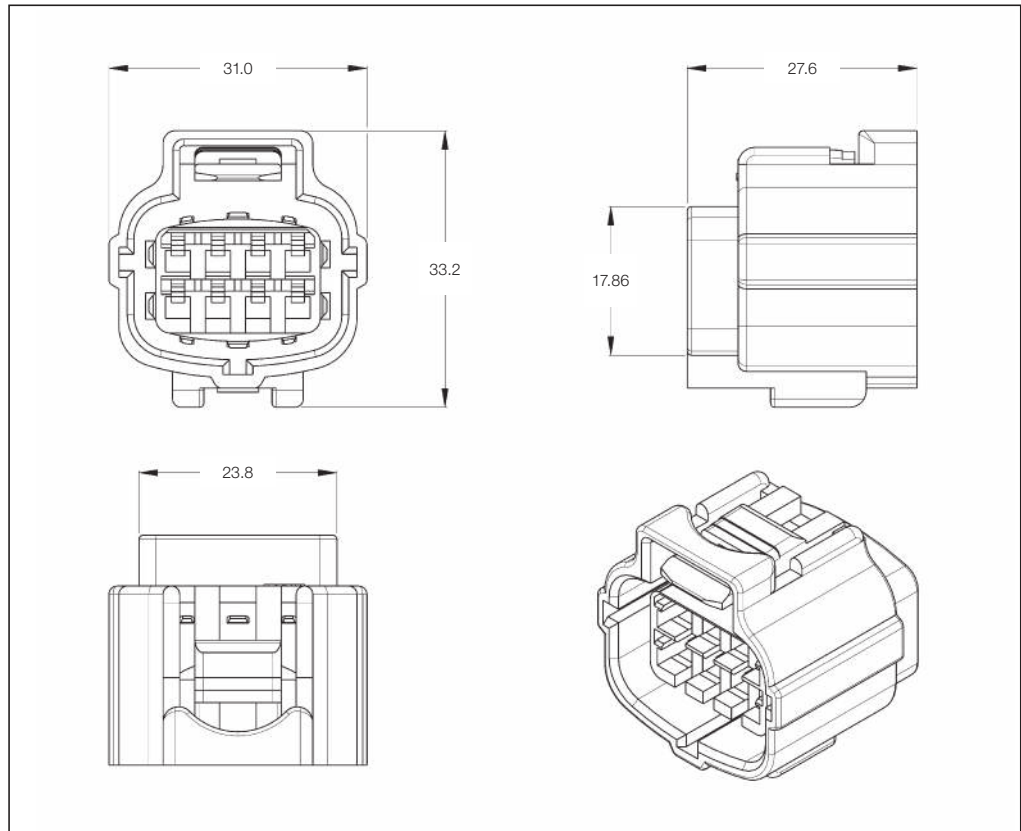0.20–1.25 mm^2
(24–16 AWG)

Product Specification:
108-5262

Application Specification:
114-5082

Instruction Sheet:
412-5325

31.0

27.6

33.2

17.86

23.8

8 Position Socket (Plug) Housing

Keying Options	Housing Color	Part Numbers			
		Socket (Plug) Housing	Package Quantity	Socket Lock Plate	Mating Pin (Cap) Housing
–	Black	174982-2	100	174983-7 (Yellow)	174984-2
				1-174983-1 (White)	

All specifications subject to change. Consult TE Connectivity for latest specifications.

Econoseal J Series, Mark II (+)

Sealed Socket (Plug) Housings

Section Catalog 1654365-1
Issued 4-2010
Main Catalog 1654400-1
Chapter 19 – Issued 4-2010

10 Position Socket (Plug) Housing

Technical Features

No. of Positions:
10 Positions

Housing Material:
PBT

Wire Size Range:
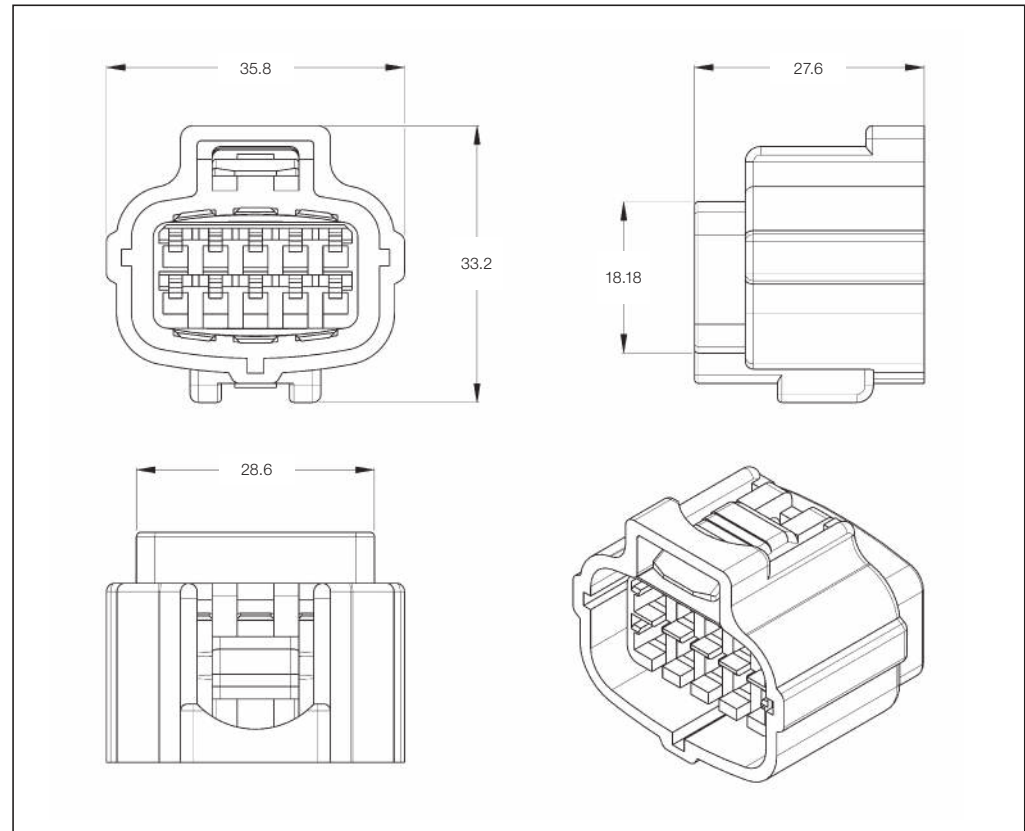0.20–1.25 mm^2
(24–16 AWG)

Product Specification:
108-5262

Application Specification:
114-5082

Instruction Sheet:
412-5325

35.8

27.6

33.2

18.18

28.6

10 Position Socket (Plug) Housing

Keying Options	Housing Color	Part Numbers			
		Socket (Plug) Housing	Package Quantity	Socket Lock Plate	Mating Pin (Cap) Housing
–	Black	174655-2	100	174656-7 (Yellow)	174657-2
				1-174656-1 (White)	

All specifications subject to change. Consult TE Connectivity for latest specifications.

19-49

Econoseal J Series, Mark II (+)
Sealed Socket (Plug) Housings

Section Catalog 1654365-1
Issued 4-2010
Main Catalog 1654400-1
Chapter 19 – Issued 4-2010

12 Position Socket (Plug) Housing

Technical Features

No. of Positions:
12 Positions

Housing Material:
PBT

Wire Size Range:
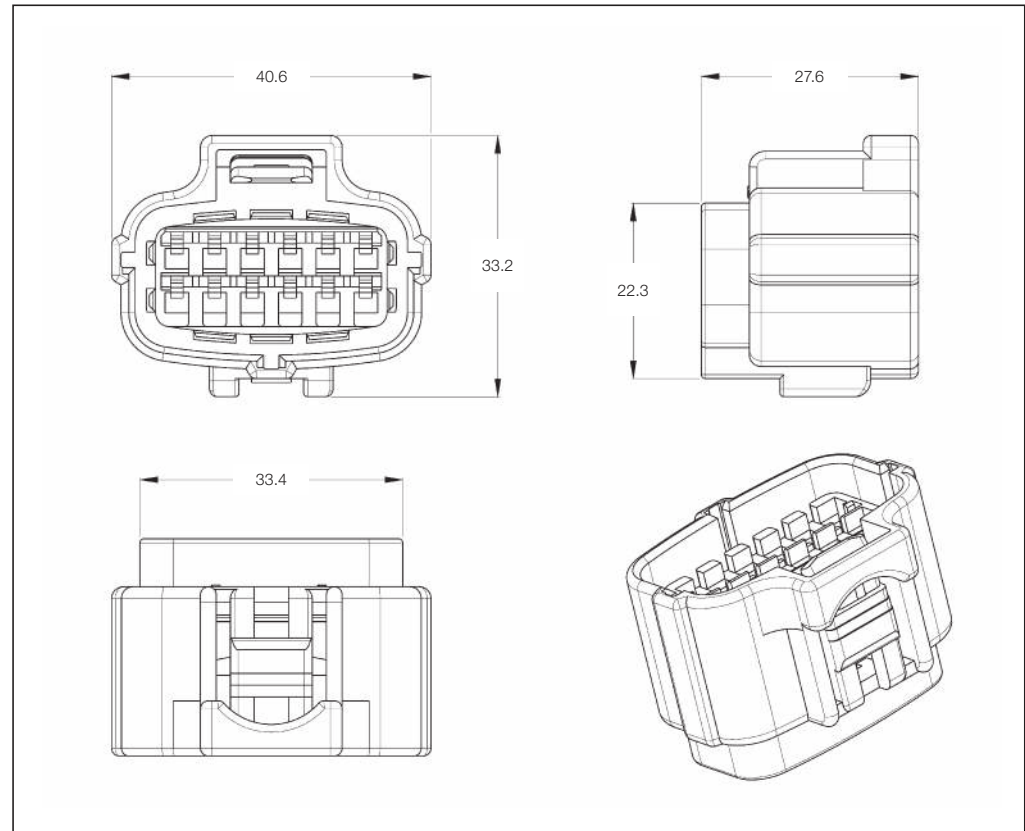0.20–1.25 mm^2
(24–16 AWG)

Product Specification:
108-5262

Application Specification:
114-5082

Instruction Sheet:
412-5325

12 Position Socket (Plug) Housing

Keying Options	Housing Color	Part Numbers			
		Socket (Plug) Housing	Package Quantity	Socket Lock Plate	Mating Pin (Cap) Housing
–	Black	174661-2	100	174662-7 (Yellow)	174663-2
				1-174662-1 (White)	

All specifications subject to change. Consult TE Connectivity for latest specifications.

Econoseal J Series, Mark II (+)

Sealed Pin (Cap) Housings

Section Catalog 1654365-1
Issued 4-2010
Main Catalog 1654400-1
Chapter 19 – Issued 4-2010

1 Position Pin (Cap) Housing

Technical Features

No. of Positions:
1 Position

Housing Material:
PBT

Wire Size Range:
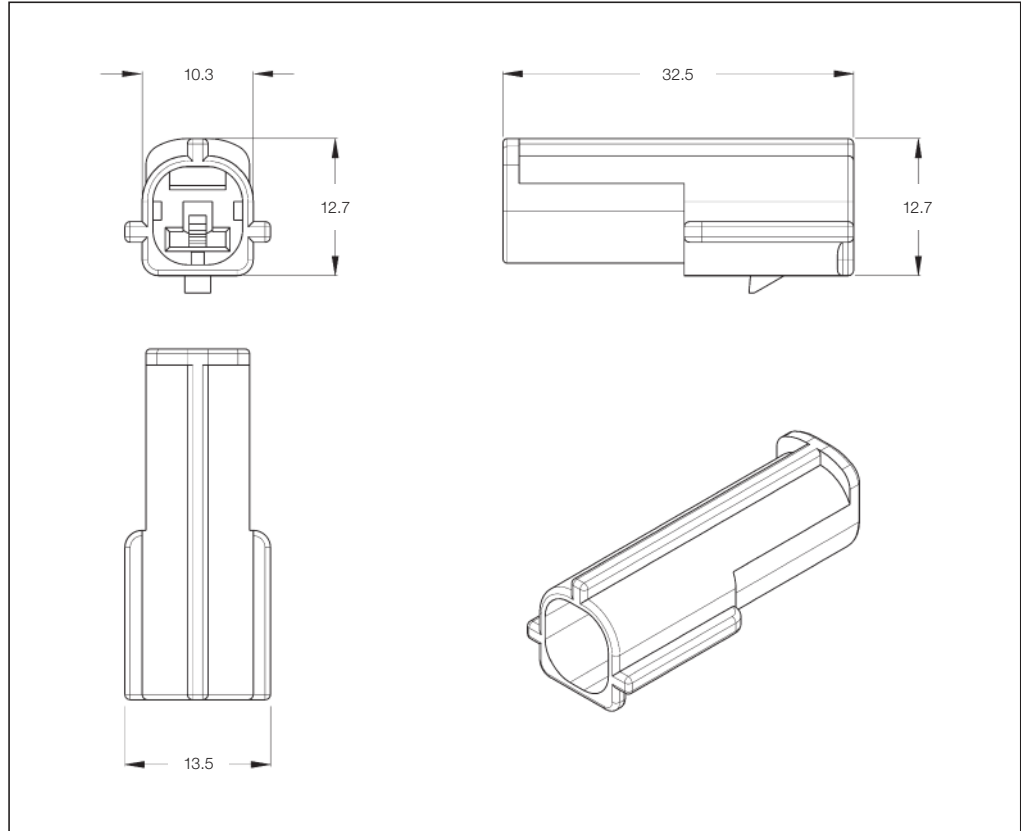0.20–1.25 mm^2
(24–16 AWG)

Product Specification:
108-5262

Application Specification:
114-5082

Instruction Sheet:
412-5325

1 Position Pin (Cap) Housing

Keying Options	Housing Color	Part Numbers			
		Pin (Cap) Housing	Package Quantity	Pin Lock Plate	Mating Socket (Plug) Housing
–	Black	174879-2	100	174880-7 (Yellow) 1-174880-1 (White)	174877-2

All specifications subject to change. Consult TE Connectivity for latest specifications.

19-51

Econoseal J Series, Mark II (+)

Sealed Pin (Cap) Housings

2 Position Pin (Cap) Housing

Technical Features

No. of Positions:
2 Positions

Housing Material:
PBT

Wire Size Range:
0.20–1.25 mm^2
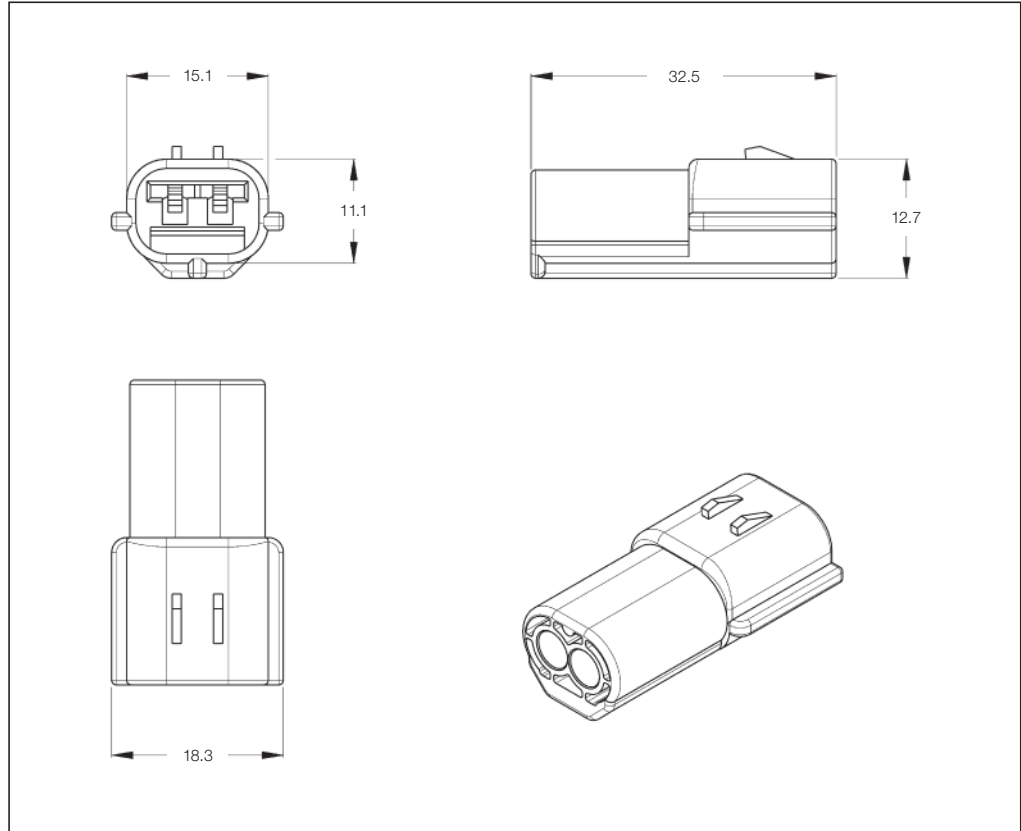(24–16 AWG)

Product Specification:
108-5262

Application Specification:
114-5082

Instruction Sheet:
412-5325

2 Position Pin (Cap) Housing

Keying Options	Housing Color	Part Numbers			
		Pin (Cap) Housing	Package Quantity	Pin Lock Plate	Mating Socket (Plug) Housing
–	Black	174354-2	100	174355-7 (Yellow)	174352-2
				1-174355-1 (White)	

All specifications subject to change. Consult TE Connectivity for latest specifications.

Econoseal J Series, Mark II (+)

Sealed Pin (Cap) Housings

3 Position Pin (Cap) Housing

Technical Features

No. of Positions:
3 Positions

Housing Material:
PBT

Wire Size Range:
0.20–1.25 mm^2
(24–16 AWG)

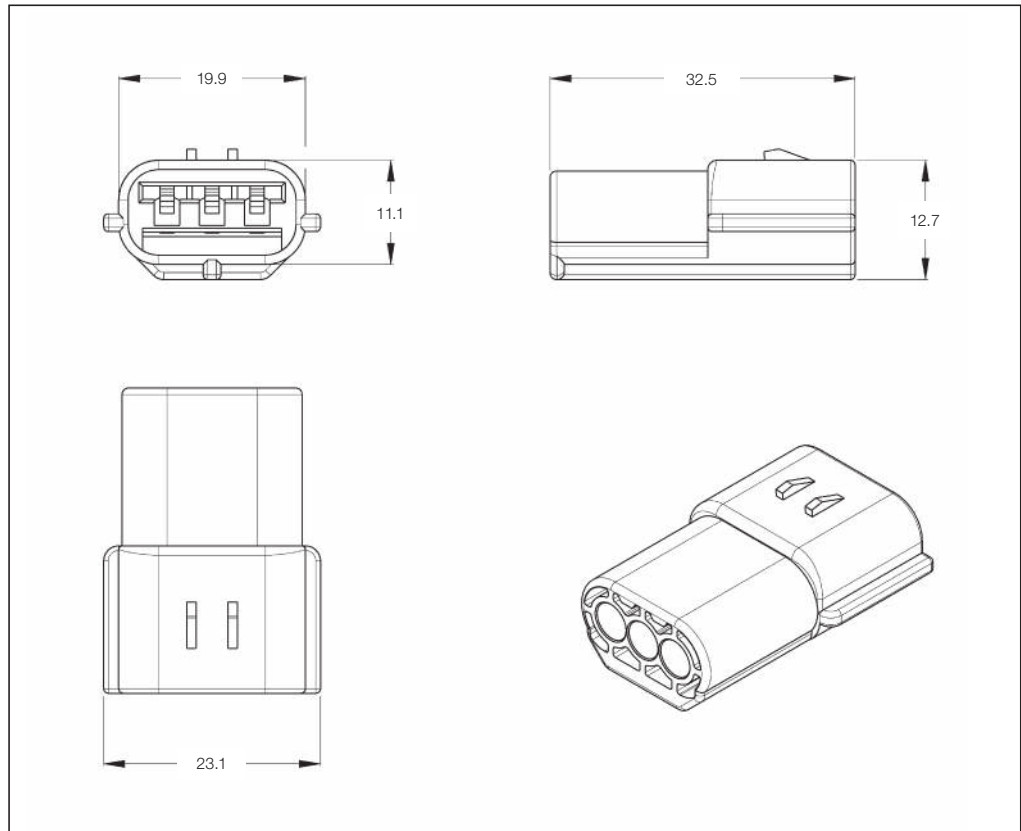**Product Specification:**
108-5262

Application Specification:
114-5082

Instruction Sheet:
412-5325

3 Position Pin (Cap) Housing

Keying Options	Housing Color	Part Numbers			
		Pin (Cap) Housing	Package Quantity	Pin Lock Plate	Mating Socket (Plug) Housing
–	Black	174359-2	100	174360-7 (Yellow)	174357-2
				1-174360-1 (White)	

All specifications subject to change. Consult TE Connectivity for latest specifications.

19-53

Econoseal J Series, Mark II (+)

Sealed Pin (Cap) Housings

4 Position Pin (Cap) Housing

Technical Features

No. of Positions:
4 Positions

Housing Material:
PBT

Wire Size Range:
0.20–1.25 mm^2
(24–16 AWG)

Product Specification:
108-5262

Application Specification:
114-5082

Instruction Sheet:
412-5325

15.1 35.5

17.6 19.2

18.3
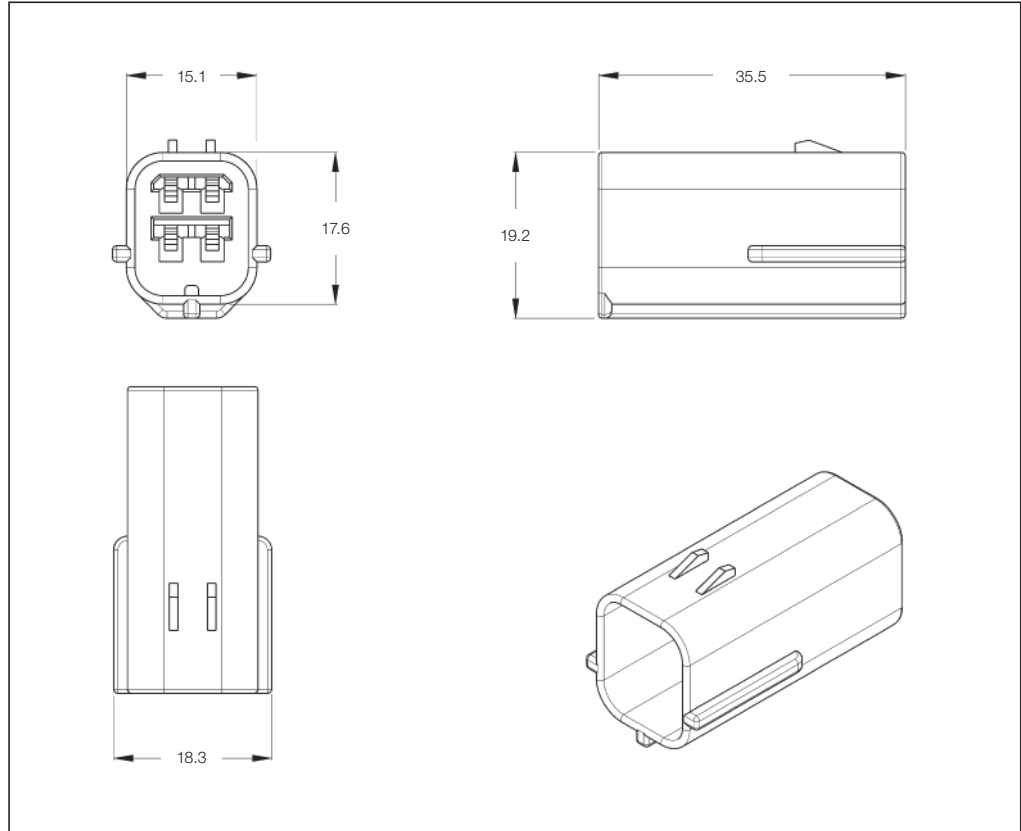
4 Position Pin (Cap) Housing

Keying Options	Housing Color	Part Numbers			
		Pin (Cap) Housing	Package Quantity	Pin Lock Plate	Mating Socket (Plug) Housing
–	Black	174259-2	100	174260-7 (Yellow)	174257-2
				1-174260-1 (White)	

All specifications subject to change. Consult TE Connectivity for latest specifications.

Econoseal J Series, Mark II (+)

Sealed Pin (Cap) Housings

6 Position Pin (Cap) Housing

Technical Features

No. of Positions:
6 Positions

Housing Material:
PBT

Wire Size Range:
0.20–1.25 mm^2
(24–16 AWG)

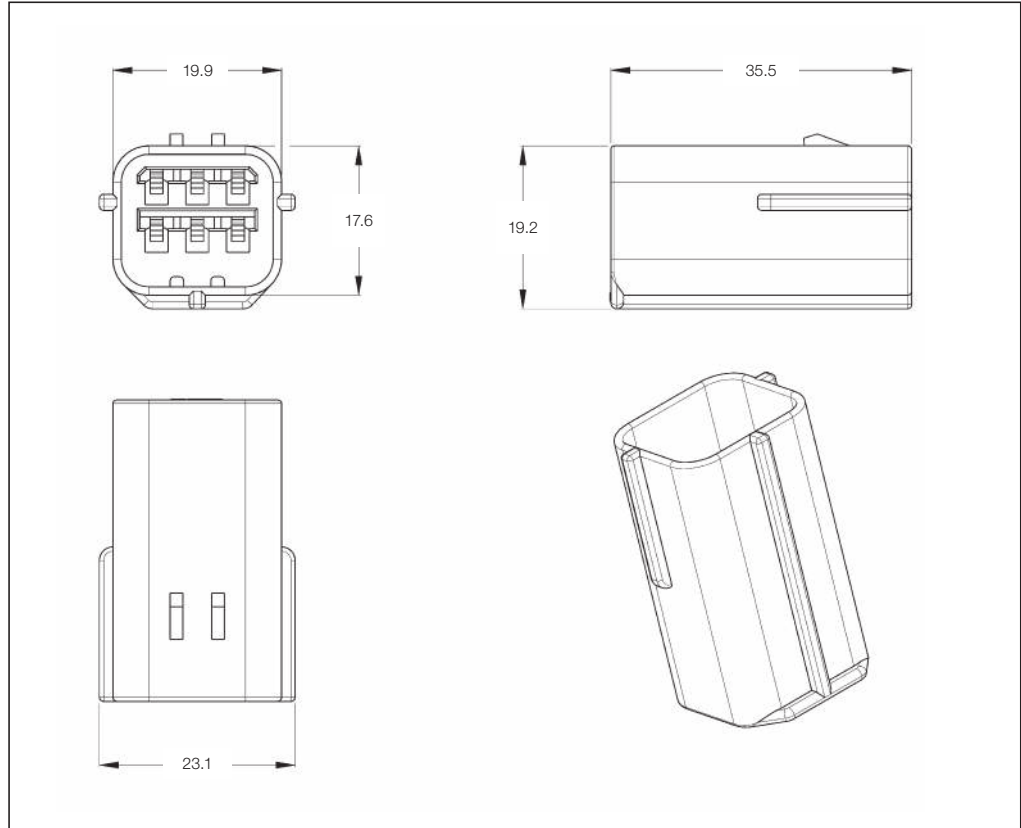**Product Specification:**
108-5262

Application Specification:
114-5082

Instruction Sheet:
412-5325

6 Position Pin (Cap) Housing

Keying Options	Housing Color	Part Numbers			
		Pin (Cap) Housing	Package Quantity	Pin Lock Plate	Mating Socket (Plug) Housing
–	Black	174264-2	100	174265-7 (Yellow) 1-174265-1 (White)	174262-2

Econoseal J Series, Mark II (+)

Sealed Pin (Cap) Housings

Section Catalog 1654365-1
Issued 4-2010
Main Catalog 1654400-1
Chapter 19 – Issued 4-2010

8 Position Pin (Cap) Housing

Technical Features

No. of Positions:
8 Positions

Housing Material:
PBT

Wire Size Range:
0.20–1.25 mm^2
(24–16 AWG)

Product Specification:
108-5262

Application Specification:
114-5082

Instruction Sheet:
412-5325

24.7

36.5

20.55

27.9
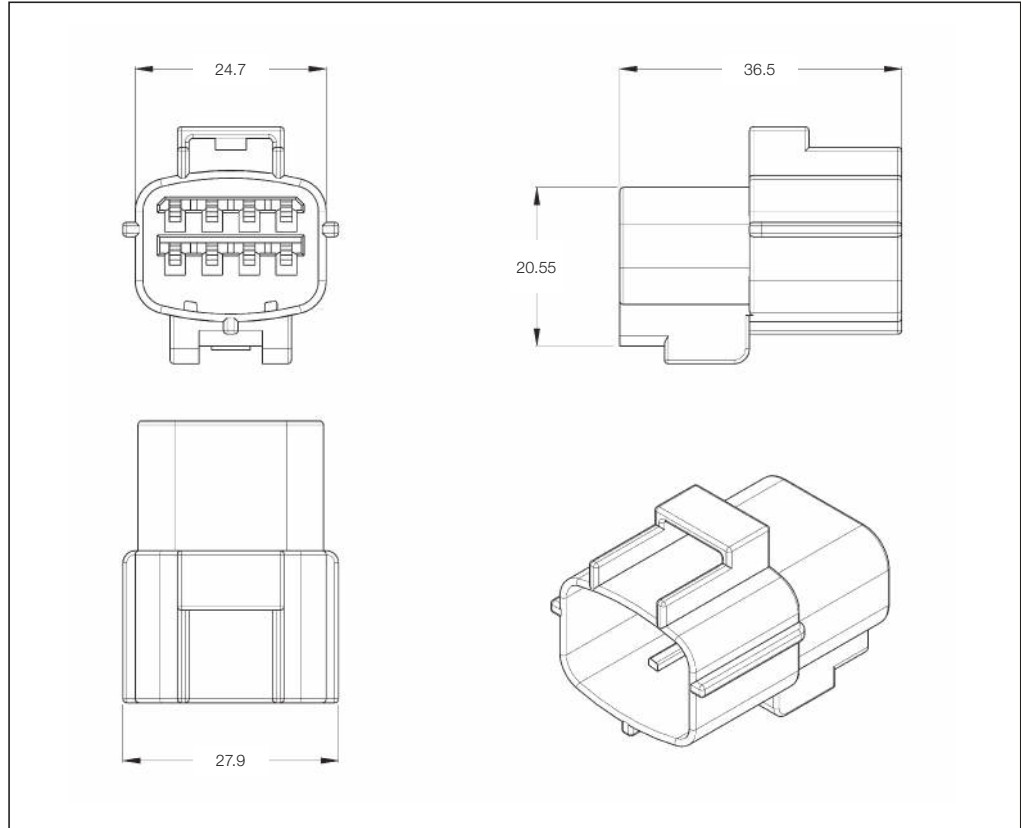
8 Position Pin (Cap) Housing

Keying Options	Housing Color	Part Numbers			
		Pin (Cap) Housing	Package Quantity	Pin Lock Plate	Mating Socket (Plug) Housing
–	Black	174984-2	100	174985-7 (Yellow) 1-174985-1 (White)	174982-2

Econoseal J Series, Mark II (+)
Sealed Pin (Cap) Housings

10 Position Pin (Cap) Housing

Technical Features

No. of Positions:
10 Positions

Housing Material:
PBT

Wire Size Range:
0.20–1.25 mm^2
(24–16 AWG)
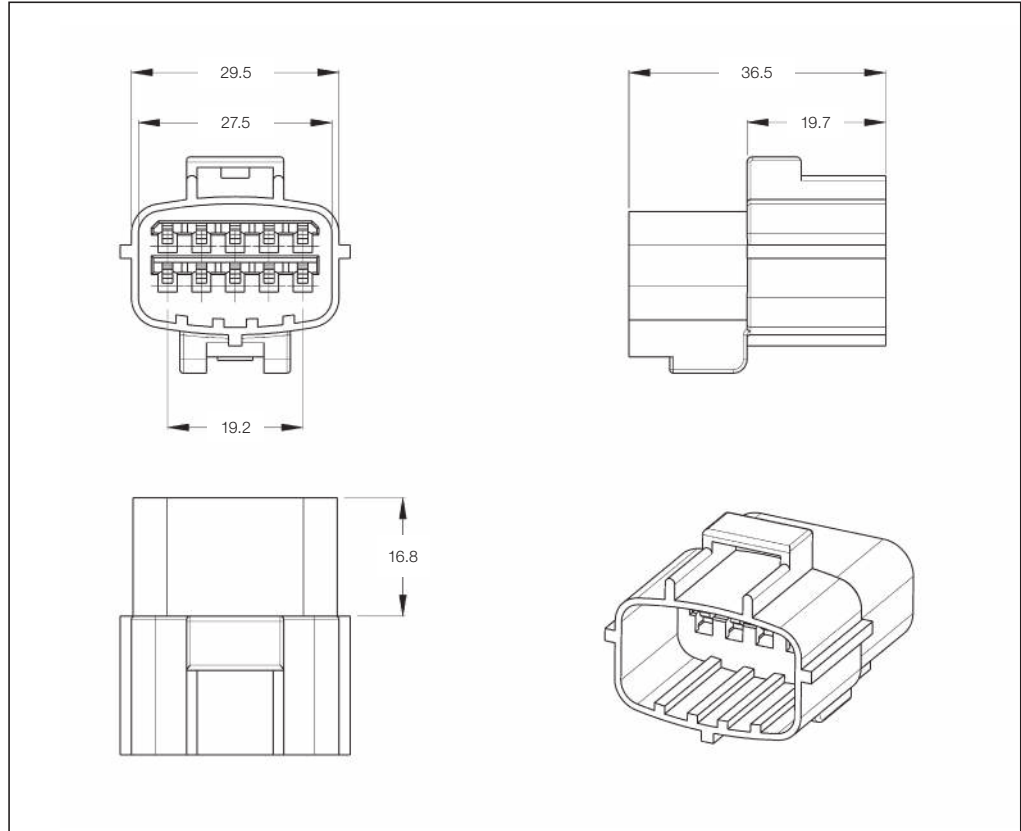
Product Specification:
108-5262
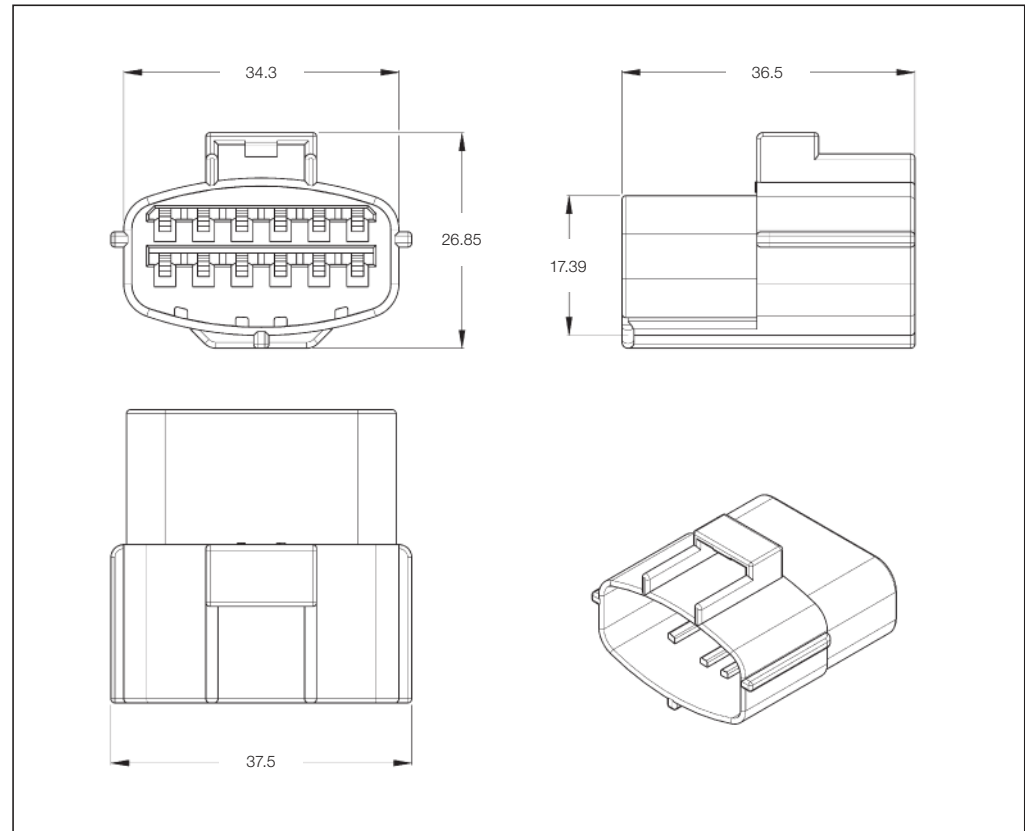
Application Specification:
114-5082

Instruction Sheet:
412-5325

10 Position Pin (Cap) Housing

Keying Options	Housing Color	Part Numbers			
		Pin (Cap) Housing	Package Quantity	Pin Lock Plate	Mating Socket (Plug) Housing
–	Black	174657-2	100	174658-7 (Yellow)	174655-2
				1-174658-1 (White)	

Econoseal J Series, Mark II (+)
Sealed Pin (Cap) Housings

Section Catalog 1654365-1
Issued 4-2010
Main Catalog 1654400-1
Chapter 19 – Issued 4-2010

12 Position Pin (Cap) Housing

Technical Features

No. of Positions:
12 Positions

Housing Material:
PBT

Wire Size Range:
0.20–1.25 mm^2
(24–16 AWG)

Product Specification:
108-5262

Application Specification:
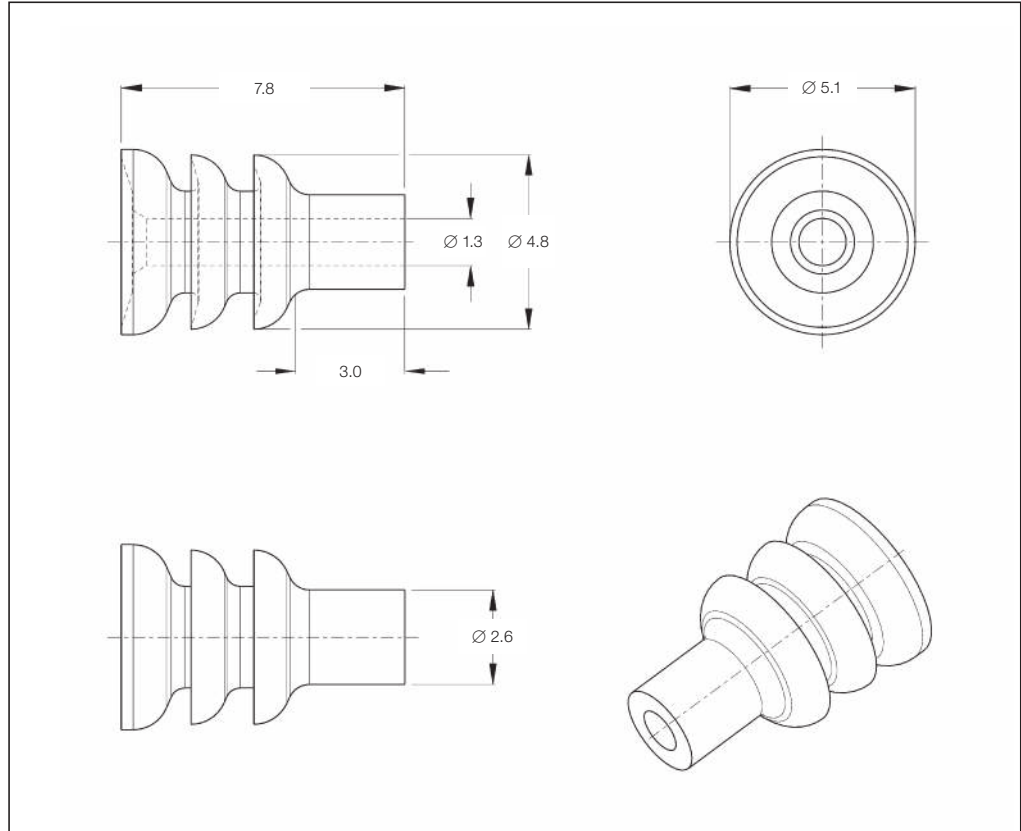114-5082

Instruction Sheet:
412-5325

(diagram dimensions: 34.3, 36.5, 26.85, 17.39, 37.5)

12 Position Pin (Cap) Housing

Keying Options	Housing Color	Part Numbers			
		Pin (Cap) Housing	Package Quantity	Pin Lock Plate	Mating Socket (Plug) Housing
–	Black	174663-2	100	174664-7 (Yellow) 1-174664-1 (White)	174661-2

All specifications subject to change. Consult TE Connectivity for latest specifications.

Econoseal J Series, Mark II (+)
Sealed Pin (Cap) Housings

Section Catalog 1654365-1
Issued 4-2010
Main Catalog 1654400-1
Chapter 19 – Issued 4-2010

Single Wire Seals and Cavity Plugs

Single Wire Seals and Cavity Plugs

Single Wire Seals and Cavity Plugs

| Wire Size Range | Insulation Diameter | Material | | | Use with |
mm² (AWG)	mm (Inch)	and (Color)	Style	Part Number	Contact Part Number
0.2–0.5 (24–20)	1.4–2.4 (.055–.094)	NBR (Black)	A	172746-1	171631-1 171631-2 173600-1
	1.4–2.1 (.055–.083)		B	178210-1	171630-1 171630-5 171699-1
0.50–1.25 (20–16)	2.0–2.6 (.079–.102)	NBR (Gray)	C	172888-2	171661-1 171661-2 173706-1
	2.0–2.6 (.079–.102)		D	178210-1	171662-1 171662-4 171662-5 173707-1
Cavity Plug	–	NBR (Black)	E	172748-1	–
		NBR (Gray)		172748-2	

All specifications subject to change. Consult TE Connectivity for latest specifications.

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AUTOMOTIVE

Engineering Notes