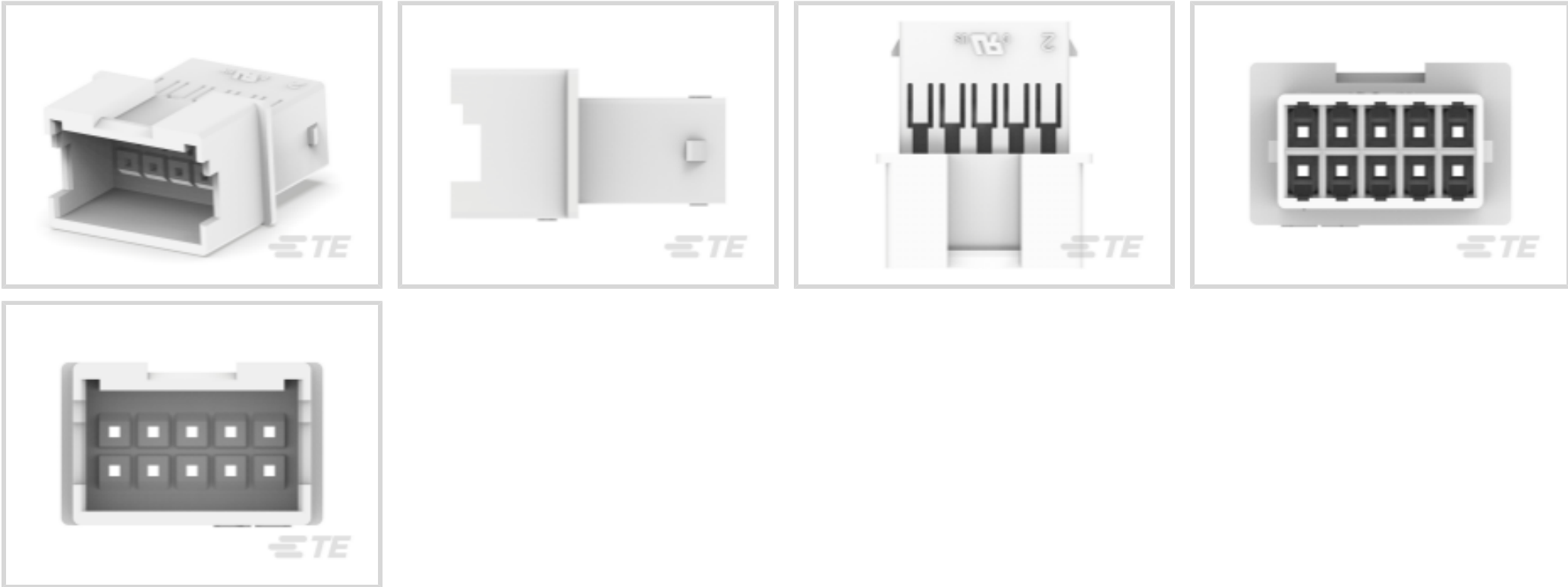




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**
Connector & Housing Type: **Receptacle**
Connector System: **Wire-to-Wire**
Number of Positions: **10**
Centerline (Pitch): **2.5 mm [.098 in]**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	10
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VAC
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Body Features

Primary Product Color	Natural
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Contact Features

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Contact Type	Pin
Contact Current Rating (Max)	4.2 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Strain Relief	Without
Mating Retention Type	Latch
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Entry Configuration	Both Ends Closed
Housing Material	Nylon
Centerline (Pitch)	2.5 mm[.098 in]

Dimensions

Connector Length	15.39 mm[.606 in]
Connector Height	19.97 mm[.786 in]
Connector Width	10.32 mm[.406 in]
Compatible Insulation Diameter Range	1.3 – 1.7 mm[.051 – .067 in]
Wire Size	.13 – .33 mm²
Row-to-Row Spacing	2.5 mm[.098 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	800
Packaging Method	Bag

Product Compliance



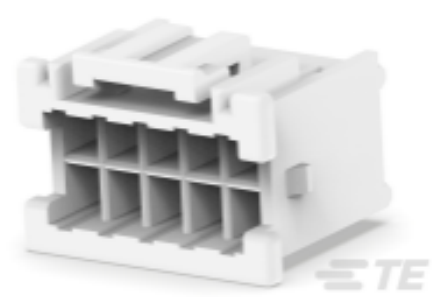
For compliance documentation, visit the product page on [TE.com](#)>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

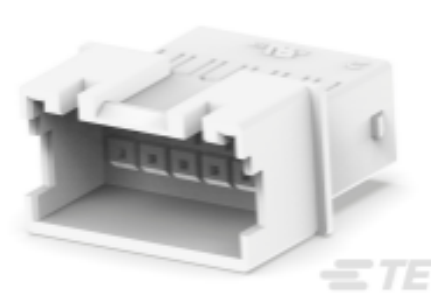
Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

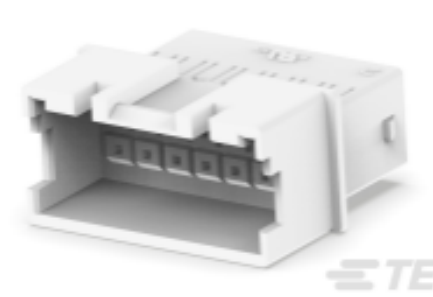
Compatible Parts



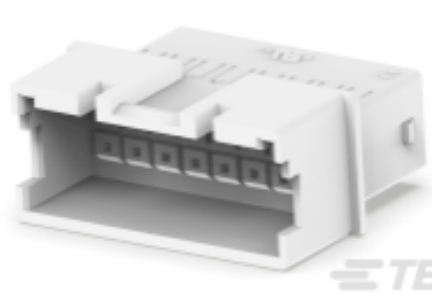
TE Part # 1-2324579-0
HOUSING, PLUG, 10P,DUAL ROW, EP2.5



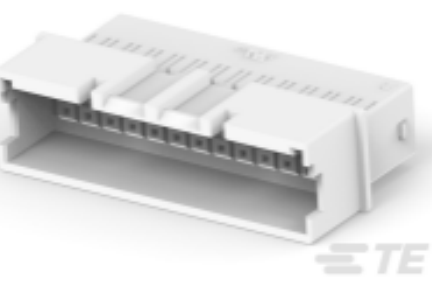
TE Part # 1-2324582-2
HSG,REC,FREE-HANGING,DUALROW, EP2.5



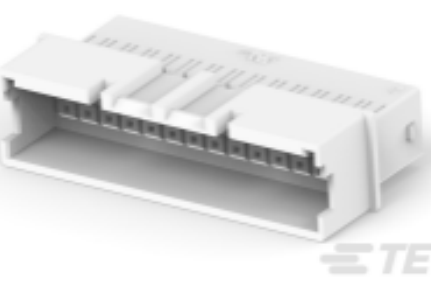
TE Part # 1-2324582-4
HSG,REC,FREE-HANGING,DUALROW, EP2.5



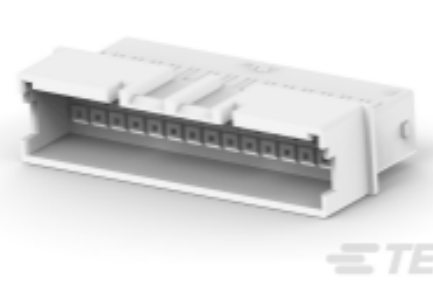
TE Part # 1-2324582-6
HSG,REC,FREE-HANGING,DUALROW, EP2.5



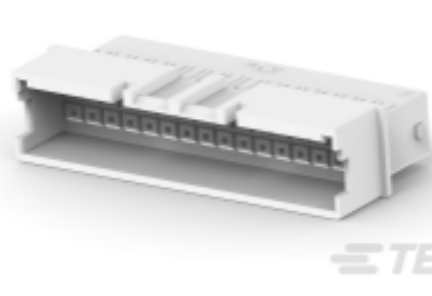
TE Part # 2-2324582-6
HSG,REC,FREE-HANGING,DUALROW, EP2.5



TE Part # 2-2324582-8
HSG,REC,FREE-HANGING,DUALROW, EP2.5



TE Part # 3-2324582-0
HSG,REC,FREE-HANGING,DUALROW, EP2.5



TE Part # 3-2324582-2
HSG,REC,FREE-HANGING,DUALROW, EP2.5





TE Part # 3-2324582-4
HSG,REC,FREE-HANGING,DUALROW,EP2.5



TE Part # 3-2324582-6
HSG,REC,FREE-HANGING,DUALROW,EP2.5



TE Part # 3-2324582-8
HSG,REC,FREE-HANGING,DUALROW,EP2.5



TE Part # 4-2324582-0
HSG,REC,FREE-HANGING,DUALROW,EP2.5



TE Part # 1-1969592-0
HSG,REC,FREE-HANGING,DUALROW,EP2.5

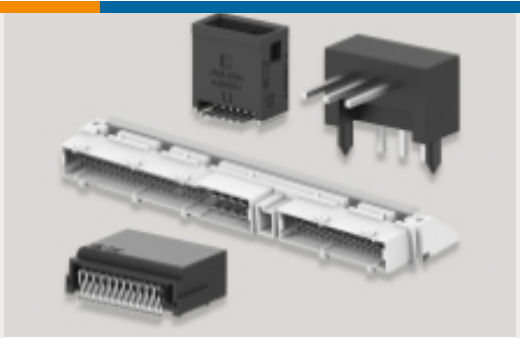
Also in the Series | Economy Power 2.5



Connector Contacts(6)



Connector Hardware(49)



PCB Headers & Receptacles(494)



Rectangular Power Connectors(43)



Wire-to-Board Connector Assemblies & Housings(305)

Customers Also Bought



TE Part #177903-1
POWER DBL LOCK PLUG HSG 9P



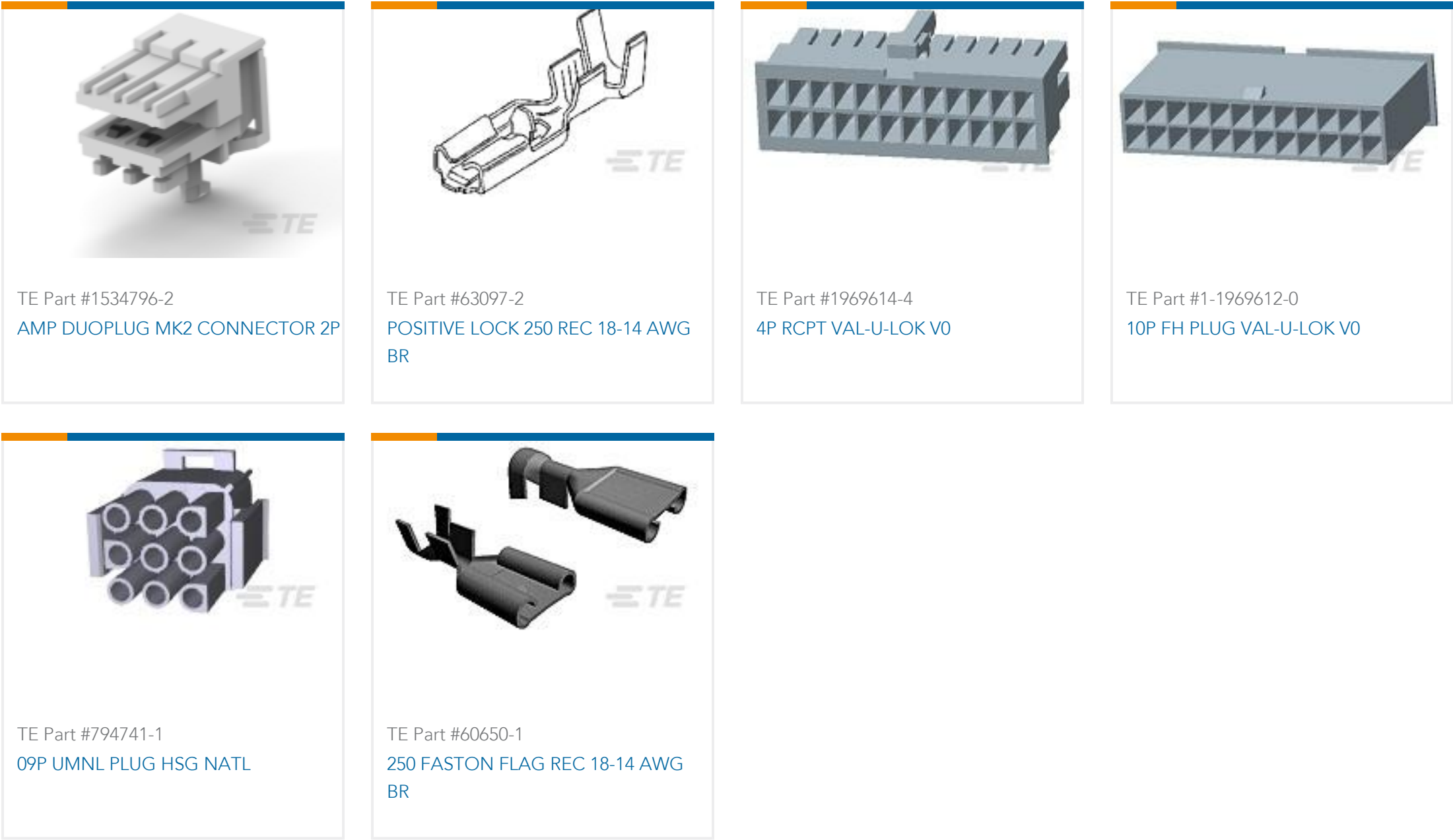
TE Part #1-1971875-3
PTL 3X3 CAP PANEL MT STD TEMP KEY A NAT



TE Part #1-1969443-4
EP 2.5 TPA Retainer, 14 Pos



TE Part #2-1744036-6
06P ECONOMY POWER .200 CL HSG



Documents

Product Drawings
HSG,REC,FREE-HANGING,DUALROW,EP2.5
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1-2324582-0_A.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_1-2324582-0_A.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1-2324582-0_A.3d_stp.zip
English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages
7-1773461-6_EP2.5_Connector_Series
English

Product Specifications
Application Specification
English

Agency Approvals
UL Report

1-2324582-0

Housing, Receptacle, Wire-to-Wire, 10 Position, 2.5 mm [.098 in] Centerline, Crimp, 2 Row, Natural, Mating Retention, Wire & Cable, Economy Power 2.5



English