

316770-1 ACTIVE

Power Double Lock

TE Internal #: 316770-1

Rectangular Connector Locking, Double Lock Plate, 1 Position, UL 94V-0, -30 – 105 °C [-22 – 221 °F], Power Double Lock

[View on TE.com >](#)



Connectors > Rectangular Connectors > Rectangular Connector Accessories > Locking



Connector & Contact Retention Accessory Type: **Double Lock Plate**

Number of Positions: **1**

Sealable: **No**

UL Flammability Rating: **UL 94V-0**

Operating Temperature Range: **-30 – 105 °C [-22 – 221 °F]**

Features

Product Type Features

Product Type	Accessory
Glow Wire Rating	Standard Part - Not Glow Wire
Connector & Contact Retention Accessory Type	Double Lock Plate
Sealable	No

Configuration Features

Number of Positions	1
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Body Features

Color	Natural
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Housing Features

Housing Material	Glass-Filled Nylon 66
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Dimensions

Height	4.45 mm
Length	8.2 mm

Usage Conditions



Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
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Operation/Application

For Use With	Cap: 316769, Plug: 316768
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Bag/Box
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Packaging Quantity	2000
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Other

Comment	Quantity required based on connector being used.
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Not applicable for solder process capability
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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 # 316769-1
POWER D/LOCK CAP HSG 1P
NATURA

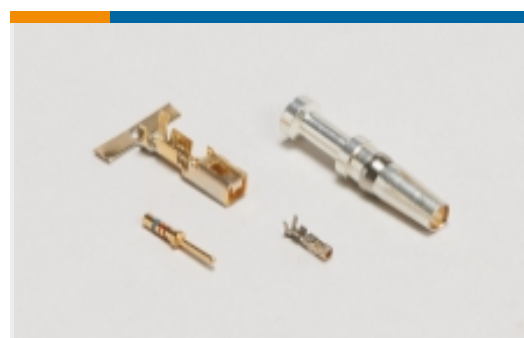


TE Part # 5-316768-1
POWER DBL LOCK PLUG HSG 1P
(GWT)




TE Part # 5-316769-1
POWER D/LOCK CAP HSG 1P
NATURA(GWT)

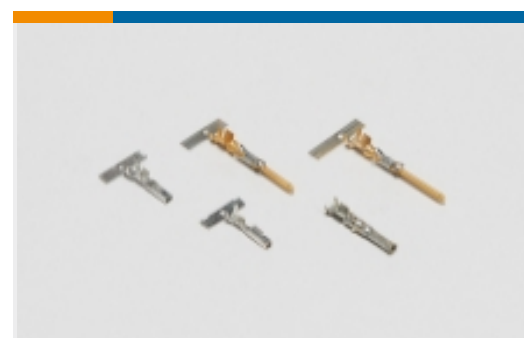
Also in the Series | Power Double Lock




Connector Contacts(1)



Insertion & Extraction Tools(2)



Power Contacts(23)



Rectangular Connector Locking(14)



Rectangular Power Connectors(284)

Customers Also Bought



TE Part #177899-1
STD Temp Power Double Lock Plug



TE Part #177915-1
AMP POWER DBL LOCK REC (L)



TE Part #316062-1
POWER DBL LOCK PLATE 3P /6.5MM



TE Part #1-1565082-2
GRACE INERTIA CONNECTOR 3.5 3P



Documents

Product Drawings

[AMP POWER DBL LOCK 1P PLATE](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_316770-1_E.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_316770-1_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_316770-1_E.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG](#)

English

[1773458-5_POWER_DBL_LOCK_\(PDL\)_CONNECTORS](#)

English

Product Specifications

[Engineering Report](#)

English

Product Environmental Compliance

[MD_316770-1_011720182311_dmtec](#)

English

[MD_316770-1_011720182311_dmtec](#)

English

Instruction Sheets

[Instruction Sheet \(non U.S.\)](#)

316770-1

Rectangular Connector Locking, Double Lock Plate, 1 Position, UL 94V-0, -30 – 105 °C
[-22 – 221 °F], Power Double Lock



English

AMP POWER DOUBLELOCK CONNECTOR SERIES

English