

641945-1 ✓ ACTIVE

MATE-N-LOK | Universal MATE-N-LOK

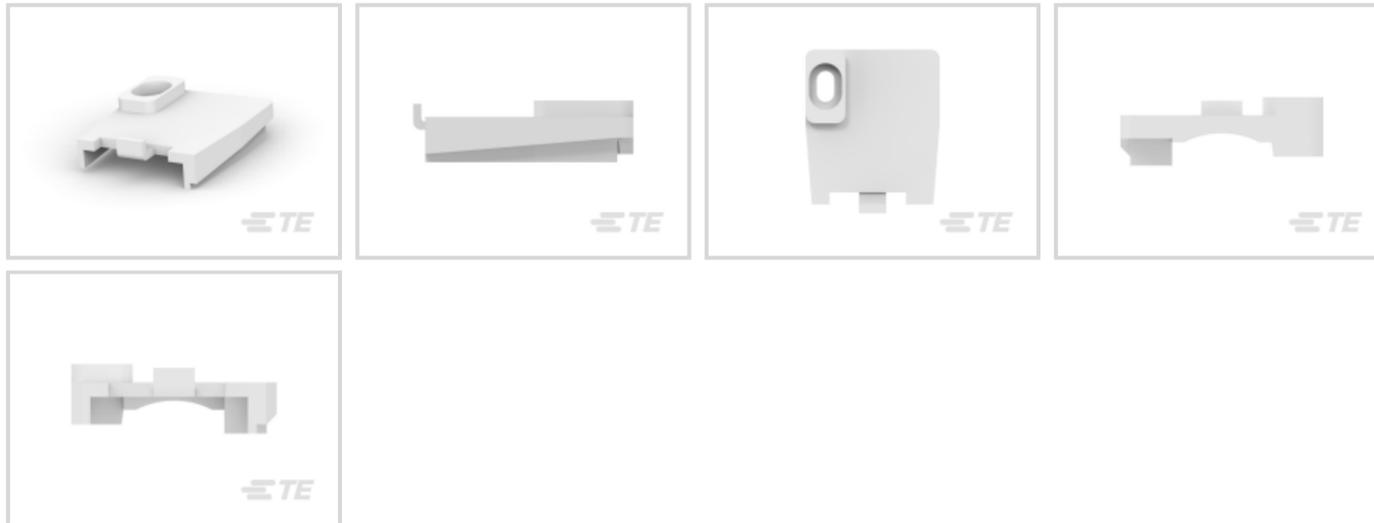
TE Internal #: 641945-1

Rectangular Boots & Strain Relief, Strain Relief, Nylon, Natural, -4 – 221 °F [-20 – 105 °C], Universal MATE-N-LOK

[View on TE.com >](#)



Connectors > Rectangular Connectors > Rectangular Connector Accessories > Rectangular Boots & Strain Relief



Protection & Strain Relief Accessory Type: **Strain Relief**

Primary Product Material: **Nylon**

Primary Product Color: **Natural**

Operating Temperature Range: **-20 – 105 °C [-4 – 221 °F]**

Features

Product Type Features

Insert Supplied	No
Protection & Strain Relief Accessory Type	Strain Relief
Product Type	Accessory

Body Features

Primary Product Material	Nylon
Primary Product Color	Natural

Usage Conditions

Operating Temperature Range	-20 – 105 °C[-4 – 221 °F]
-----------------------------	---------------------------

Industry Standards

Agency/Standard	CSA, UL
-----------------	---------

Packaging Features

Packaging Method	Package
Packaging Quantity	1

Other

Comment	Must use cap housing adapters when
---------	------------------------------------



attaching strain reliefs to a cap housing. Two adapters required per housing., Strain relief part number represents one half of a strain relief. Two of a part number are required per connector.

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

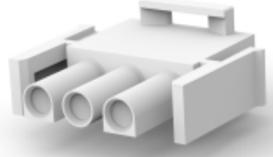
Product Compliance Disclaimer

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

 <p>TE Part # 3-643228-0 03P UMNL HDR ASSY R/A 94VO LF</p>	 <p>TE Part # 643228-1 03P UMNL HDR ASSY R/A 94VO</p>	 <p>TE Part # 3-350943-0 03P UMNL HDR ASSY R/A 94VO LF</p>	 <p>TE Part # 350790-1 03P UMNL PIN HDR ASSY 94VO</p>
---	--	---	--



 <p>TE Part # 350789-3 03P UMNL PIN HDR ASSY 94VO</p>	 <p>TE Part # 1-350943-0 03P UMNL HDR ASSY R/A 94VO</p>	 <p>TE Part # 641965-1 03P UMNL PIN HDR ASSY V2 NATL</p>	 <p>TE Part # 350789-1 03P UMNL PIN HDR ASSY 94VO</p>
 <p>TE Part # 350760-4 03P UMNL HDR ASSY PC</p>	 <p>TE Part # 350767-1 03P UMNL CAP HSG V0</p>	 <p>TE Part # 350429-1 03P UMNL PIN HDR ASSY NATL</p>	 <p>TE Part # 641966-1 03P UMNL PIN HDR ASSY 94VO</p>
 <p>TE Part # 350766-1 03P UMNL PLUG HSG</p>	 <p>TE Part # 350825-4 03P UMNL HDR ASSY PC 94VO LF</p>	 <p>TE Part # 643414-3 03P UMNL HDR ASSY POL 94VO LF</p>	 <p>TE Part # 643413-1 03P UMNL HDR ASSY SCKT POL</p>
 <p>TE Part # 643414-1 03P UMNL HDR ASSY POL 94VO</p>	 <p>TE Part # 1-480701-0 03P UMNL CAP HSG NATL</p>	 <p>TE Part # 1-480700-0 03P UMNL PLUG HSG NATL</p>	 <p>TE Part # 350429-4 03P UMNL PIN HDR ASSY NATL LF</p>

Also in the Series | **Universal MATE-N-LOK**

 <p>Circular Power Connectors(2)</p>	 <p>Connector Contacts(11)</p>	 <p>Insertion & Extraction Tools(4)</p>	 <p>Power Contacts(207)</p>
---	---	--	--



Rectangular Boots & Strain Relief(35)



Rectangular Connector Adapters(7)



Rectangular Connector Hardware(1)



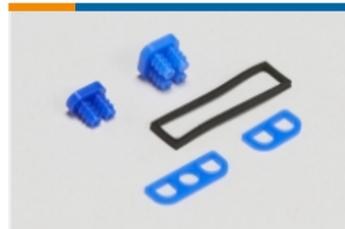
Rectangular Connector Housings(2)



Rectangular Connector Keying Plugs(3)



Rectangular Connector Locking(4)



Rectangular Connector Seals(26)



Rectangular Power Connectors(728)

Documents

Product Drawings

03P UMNL STR/REL

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_641945-1_S.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_641945-1_S.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_641945-1_S.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_641945-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_641945-1_A.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_641945-1_A.2d_dxf.zip](#)

English

3D PDF



English

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

Datasheets & Catalog Pages

[SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY](#)

English

Product Environmental Compliance

[MD_641945-1_092520181143_dmtec](#)

English

[MD_641945-1_092520181143_dmtec](#)

English

Instruction Sheets

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

English