

POWER CONTACTS















PRODUCT DRAWING



3D PDF

TE CONNECTIVITY (TE)

UMNL SOK 20-14 .0125AUNI/PHBZ

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

350536-6

TE Internal Number: 350536-6 Alias ID: 402245922

Always EU RoHS/ELV Compliant

Product Type Contact

Contact Current Rating (A) 19

Operating Voltage (VAC) 600

Wire/Cable Size (AWG) 20 - 14

Wire/Cable Size (mm²) .5 - 2

Product Drawings

SOCKET, UNIVERSAL MATE-N-LOK

PDF **English**

CAD Files

3D PDF

PDF **English**

Customer View Model

2D_DXF.ZIP English

Customer View Model

3D_IGS.ZIP English

Customer View Model

3D_STP.ZIP **English**

Catalog Pages/Data Sheets

SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY

PDF **English**

Product Specifications

Product Specification Universal MATE-N-LOK Connector

PDF **English**

Application Specification Universal MATE-N-LOK Connectors

PDF **English**

Engineering Report Softshell Pin & Socket Contacts

PDF **English**

Product Environmental Compliance

TE Material Declaration

MD_350536-6_07222014641_dmtec

PDF **English** Please review product documents or contact us for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features	Product Type	Contact
Electrical Characteristics	Contact Current Rating (A)	19
	Operating Voltage (VAC)	600
Contact Features	Contact Type	Socket
	Contact Base Material	Phosphor Bronze
	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness	.76 μm [29.92 μin]
	Underplate Material	Nickel
	Underplate Material Thickness	1.27 μm [50 μin]
	Contact Design	Solid
Termination Features	Wire/Cable Size (AWG)	20 – 14
	Wire/Cable Size (mm²)	.5 – 2
	Termination Type	Crimp
Mechanical Attachment	Contact Retention in Housing	With
	Contact Retention in Housing Type	Locking Lance
Dimensions	Accepts Wire Insulation Diameter Range	1.52 – 3.3 mm [.06 – .13 in]
Operation/Application	Operating Temperature Range	-55 – 125 °C [-67 – 257 °F]
	Connector System	Wire-to-Wire
Industry Standards	Glow Wire Rating	Standard Part - Not Glow Wire
	VDE Tested	Yes
	Agency/Standard	CSA, UL
	UL File Number	E28476
	CSA File Number	LR 16455
	UL Rating	Recognized
	CSA Rating	Certified

Reel

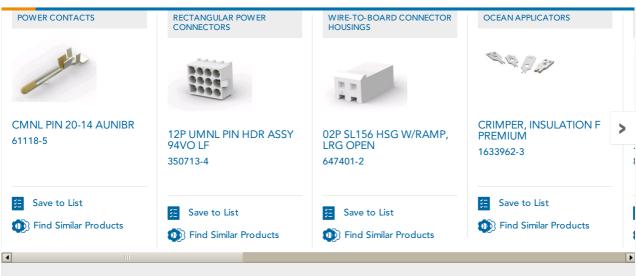
Packaging Features Packaging Method

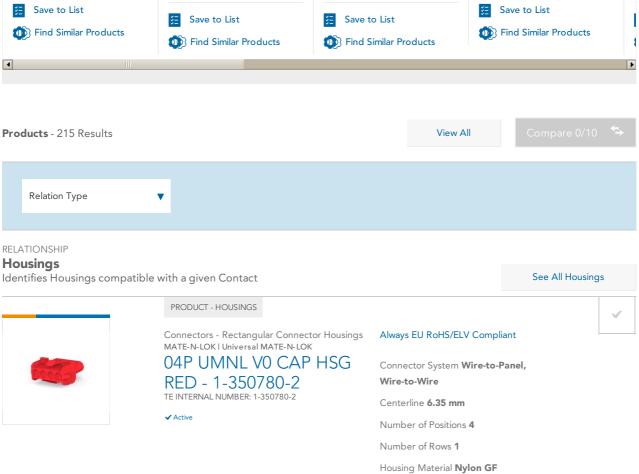
	Packaging Quantity	5000
Other	Wire/Cable Type	Discrete Wire
	Wire Type	Stranded
	For Use With	Splash Proof Seal and Universal Mate-N- LOK Plug and Cap Housing
Product Compliance	Statement of Compliance	

PDF

VIEW ALL PRODUCT COMPLIANCE

CUSTOMERS ALSO BOUGHT





RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

See All Housings



PRODUCT - HOUSINGS

Connectors - Rectangular Power Connectors MATE-N-LOK | Universal MATE-N-LOK

03P UMNL PLUG HSG RED - 1-480700-2 TE INTERNAL NUMBER: 1-480700-2

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Plug**

Connector System Wire-to-Wire

Applies To Wire/Cable

Number of Positions 3

RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

See All Housings



PRODUCT - HOUSINGS

Connectors - Rectangular Connector Housings MATE-N-LOK | Universal MATE-N-LOK

12P UMNL V0 PLUG HSG YELLOW - 1-350735-4
TE INTERNAL NUMBER: 1-350735-4

✓ Active

Always EU RoHS/ELV Compliant

Connector System Wire-to-Wire

Centerline 6.35 mm

Row-to-Row Spacing 6.35 mm

Number of Positions 12

Number of Rows 3

