



CONNECTORS

RECTANGULAR POWER CONNECTORS



✓ Active

TE CONNECTIVITY (TE)

04P CMNL SOK HDR ASSY LF

MATE-N-LOK | Commercial MATE-N-LOK

1586542-1

TE Internal Number: 1586542-1

EU RoHS Compliant

EU ELV Compliant

Product Type Header

Housing Type Receptacle

Connector System Wire-to-Board

Number of Positions 4

Centerline (Pitch) 5.08 mm [.2 in]

[↓ PRODUCT DRAWING](#)
English

[↓ 3D PDF](#)

DOCUMENTATION

Product Drawings

SOCKET HEADER ASSEMBLY, 4 CIRCUIT, COMMERCIAL MATE-N-LOK

PDF (TIFF AVAILABLE)

English

CAD Files

3D PDF

PDF

English

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

English

Customer View Model

2D_DXF.ZIP

English

Product Specifications

Application Specification

Commercial MATE-N-LOK Pin And Socket Contacts

PDF

English

FEATURES



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 Header

Housing Type Receptacle

Connector System Wire-to-Board

Connector & Contact Terminates To Printed Circuit Board

Contact Type Socket

Configuration Features

Number of Positions 4

PCB Mounting Orientation Vertical

Number of Power Positions 4

Number of Rows 1

Contact Layout Inline

Electrical Characteristics

Operating Voltage (VAC) 250

Contact Features

Contact Current Rating (Max) (A) 12

Contact Retention Without

Contact Termination Area Plating Material Pre-Tin

Contact Mating Area Plating Material Pre-Tin

Termination Features

Termination Method to PC Board Through Hole - Solder

Termination Post/Tail Length 5.46 mm [.215 in]

Mechanical Attachment

Mating Alignment With
Mating Alignment Type Polarization
Mating Retention With
Mating Retention Type Detent Lock

Housing Features

Centerline (Pitch) 5.08 mm [.2 in]
UL Flammability Rating UL 94V-2
Housing Material Nylon

Dimensions

Length 21.08 mm [.83 in]
Height 11.18 mm [.44 in]
Width 6.22 mm [.24 in]
PCB Thickness (Recommended) .062 mm [1.57 in]

Usage Conditions

Operating Temperature Range -55 – 105 °C [-67 – 221 °F]
Sealed Condition Not Sealed

Operation/Application

Circuit Application Power

Industry Standards

Glow Wire Rating Standard Part - Not Glow Wire
VDE Tested No
CSA File Number LR16455
UL Rating Certified, Recognized
Agency/Standard CSA, UL
Agency/Standard Number E28476

Packaging Features

Packaging Method Package
Packaging Quantity 1

Other

For Use With Pin (Cap) Housing

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF
