

552488-1 ✓ ACTIVE

CHAMP | CHAMP - LOK

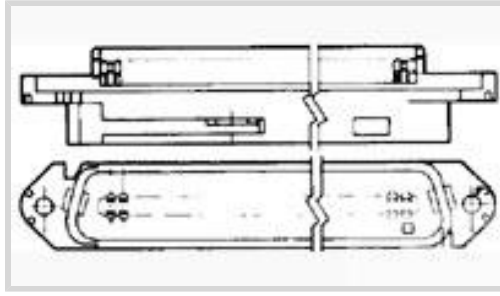
TE Internal #: 552488-1

Docking Connectors, Plug, Cable-to-Cable, 64 Position, 2.16 mm [.085 in] Centerline, Wire & Cable, Power & Signal, CHAMP - LOK

[View on TE.com >](#)



Connectors > Dock Connectors & Guide Hardware > Docking Connectors



Docking Connector Style: **Plug**

Connector System: **Cable-to-Cable**

Number of Positions: **64**

Centerline (Pitch): **2.16 mm [.085 in]**

Connector & Contact Terminates To: **Wire & Cable**

Features

Product Type Features

| | |
|-----------------------------------|----------------|
| Docking Connector Style | Plug |
| Connector System | Cable-to-Cable |
| Connector & Contact Terminates To | Wire & Cable |

Configuration Features

| | |
|---------------------|----|
| Number of Positions | 64 |
|---------------------|----|

Contact Features

| | |
|------------------------------|--------------|
| Contact Base Material | Copper Alloy |
| Contact Current Rating (Max) | 3.5 A |

Mechanical Attachment

| | |
|-------------------------|----------------------------|
| Connector Mounting Type | Cable Mount (Free-Hanging) |
|-------------------------|----------------------------|

Housing Features

| | |
|--------------------|-------------------|
| Centerline (Pitch) | 2.16 mm [.085 in] |
|--------------------|-------------------|

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 75 °C [-40 – 167 °F] |
|-----------------------------|----------------------------|

Operation/Application

| | |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC |
| Halogen Content | Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free |
| Solder Process Capability | Not applicable for solder process capability |

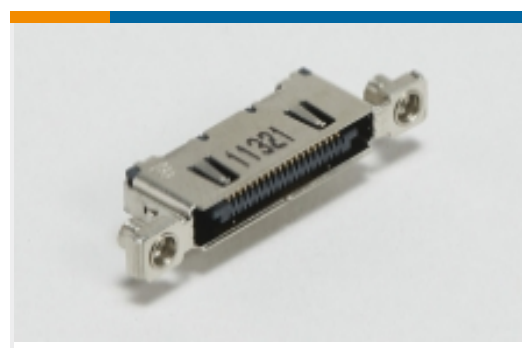
Product Compliance Disclaimer

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



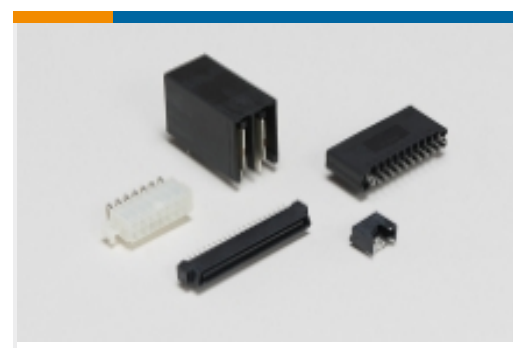
Also in the Series | **CHAMP - LOK**



Docking Connectors(3)



Insertion & Extraction Tools(2)



Standard Rectangular Connectors(1)

Customers Also Bought



TE Part #552285-1
IDC D-Sub: Plug Assembly, Signal,
Cable to Cable, 2.16 mm



TE Part #552315-1
ASSY, RCPT, 64 POS, B SLOT



TE Part #1-552496-1
90 DEG COVER KIT-64 POS BLK



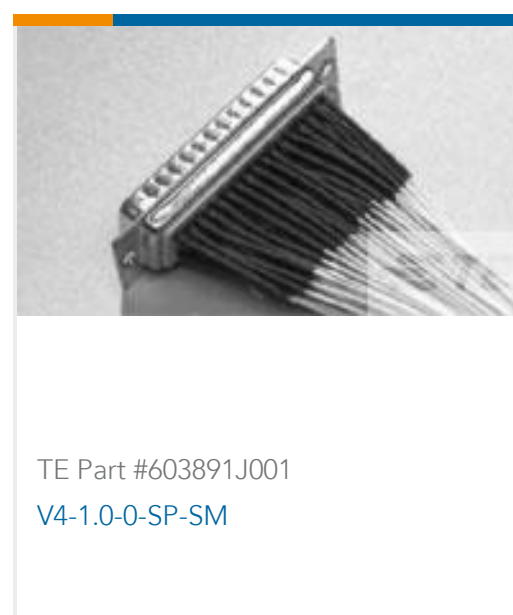
TE Part #1-794407-1
MINI UMNL SOK 20-16 AWG AU LF



TE Part #5229911-1
SCREW,PAN HD,"CHAMP
PACKAGING



TE Part #229968-2
COVER, DUST, PLUG, BLUE, CHAMP



TE Part #603891J001
V4-1.0-0-SP-SM



TE Part #1589691-5
QCM007PC2DC006B = CIRCULAR

Documents

Product Drawings

ASSY, PLUG, 64 POS, E SLOT

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_552488-1_T.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_552488-1_T.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_552488-1_T.3d_stp.zip](#)

English

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



Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

UL

English