



LGH

TE Internal #: 861648-7

7 Position Circular Power Connector, Lead Assembly, 27000 VDC,
Wire-to-Panel, Wire & Cable, Plug, Pin, Panel Mount, -55 – 125 °C
[-67 – 257 °F]

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Connectors > Power Connectors > Circular Power > Circular Power Connectors



Number of Positions: 7

Connector Product Type: **Lead Assembly**

Operating Voltage: **27000 VDC**

Connector System: **Wire-to-Panel**

Sealable: **No**

Features

Product Type Features

Connector Product Type	Lead Assembly
Connector System	Wire-to-Panel
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Connector & Housing Type	Plug

Configuration Features

Number of Positions	7
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Electrical Characteristics

Operating Voltage	27000 VDC
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Body Features

Positive Stop Ferrule	Without
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Contact Features

Contact Type	Pin
Contact Protection	Without

Mechanical Attachment

Panel Mount Feature Type	Retaining Ring
Mating Alignment	With
Connector Mounting Type	Panel Mount



Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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Operation/Application

Shielded	No
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Packaging Features

Packaging Quantity	1
Packaging Method	Package

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Pb (4% in Contact/Component) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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>

Customers Also Bought



TE Part #8-1393211-9
T92S11D12-12



TE Part #4-530153-1
TDM SPRING, SHUNT ASY 2 POS



TE Part #201328-1
CONTACT SOCKET ASSY.




TE Part #861647-1
RECPT FLANGED H.V. 7 CONTACTS



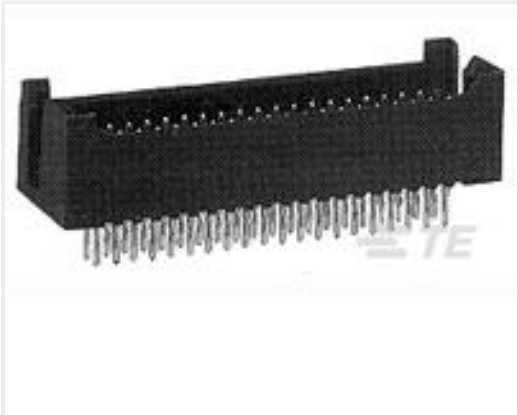
TE Part #861647-6
RECPT FLANGED H.V. 7 CONTACTS



TE Part #859526-4
4 CAV FLANGED RECEPT KIT



TE Part #5-861610-1
LGH HIGH VOLTAGE PLUG



TE Part #5-102567-1
12 MODII 2PC HDR DR SHRD .100, ROHS



TE Part #860267-1
LGH-6 PIN HV PLUG ASY



TE Part #1-111196-9
30 RCPT SYSTEM 50, LEAD FREE

Documents

Product Drawings
PLUG ASSY HV 7 PIN

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_861648-7_M.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_861648-7_M.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_861648-7_M.3d_stp.zip

English

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

Instruction Sheets

861648-7

7 Position Circular Power Connector, Lead Assembly, 27000 VDC, Wire-to-Panel, Wire & Cable, Plug, Pin, Panel Mount, -55 – 125 °C [-67 – 257 °F]



Instruction Sheet (U.S.)

English