861648-7 ✔ ACTIVE

LGH

TE Internal #: 861648-7

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

View on TE.com >

Connectors > Power Connectors > Circular Power > Circular Power Connectors

Connector Product Type: **Lead Assembly**

Operating Voltage: **27000 VDC**

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

Number of Positions: **7**

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

Electrical Characteristics

Operating Voltage	27000 VDC

Body Features

Positive Stop Ferrule	Without

Contact Features

Contact Type	Pin
Contact Protection	Without

Mechanical Attachment

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

Usage Conditions

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

Operation/Application

Shielded	No

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: JUNE 2023 (235) 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 Yet Reviewed for halogen content
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

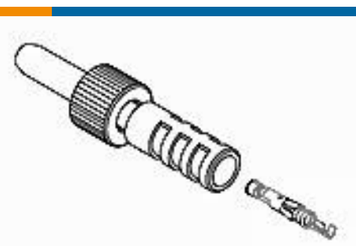
Customers Also Bought

TE Part #8-1393211-9
T92S11D12-12

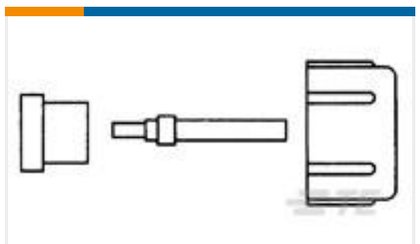
TE Part #1-111196-9
30 RCPT SYSTEM 50, LEAD FREE

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

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

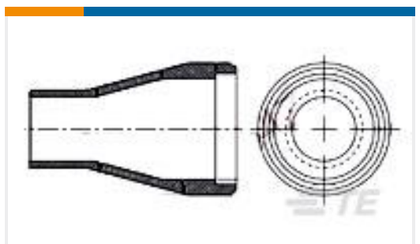


TE Part #5-861610-1
LGH HIGH VOLTAGE PLUG



TE Part #862128-3
LGH-1 MOLDED END KIT

TE Part #201328-1
CONTACT SOCKET ASSY.



TE Part #862695-1
END BELL, PLUG

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.

Datasheets & Catalog Pages

Products for Aerospace and Defense

English

Instruction Sheets

Instruction Sheet (U.S.)

English