CG4077-000 ✔ ACTIVE

UTILUX | UTILUX BG

TE Internal #: CG4077-000

Compression, ≤ 1 kV, Aluminum, Hexagonal Crimping, Aluminum / Copper, Indoor / Outdoor, Copper, UTILUX BG, Compression Connectors

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Energy & Power > Power Systems Connectors > Compression Connectors





Product Availability: **Asia, Australia, New Zealand & Pacific Islands**

Installation Technology: **Compression**

Voltage Class: **≤ 1 kV**

Compatible Conductor Material: **Aluminum**

Crimp Type: **Hexagonal Crimping**

Features

Product Type Features

Installation Technology	Compression
Stud Size	M16

Configuration Features

Number of Holes	1

Electrical Characteristics

Voltage Class	≤ 1 kV

Body Features

Conductor Type	Stranded
Compression Barrel Type	Standard
Compatible Conductor Material	Aluminum
Primary Product Material	Aluminum, Copper
Palm Terminal Material	Copper

Contact Features

Crimp Type	Hexagonal Crimping

Dimensions

Lug Length	122 mm[4.803 in]
Barrel Outside Diameter	35 mm[1.37 in]

Barrel Length	60 mm[2.362 in]
Lug Width	35 mm[1.378 in]
Barrel Inside Diameter	21 mm[.826 in]
Palm Hole Diameter	16
Compatible Conductor Range	500 – 500 AWG/kcmil
Compatible Conductor Cross-Section Range	240 mm²

Operation/Application

Power Component Application Type	Indoor, Outdoor
Compression Connector Product Type	Terminal Lug

Product Availability

Product Availability	Asia, Australia, New Zealand & Pacific Islands

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	Out of Scope
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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



TE Part # 2107730-1
AutoPress 80 18V+COF+CHARG



TE Part # 2107475-2
UNIPRESS 6/120 +COF+CHARG



TE Part # 2107733-4
AUTOPRESS C120 18V+COF+CHARG 110V



TE Part # 2107725-1
AUTOPRESS L62+ COF+CHARG

Also in the Series | UTILUX BG



Compression Connectors(46)

Customers Also Bought



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



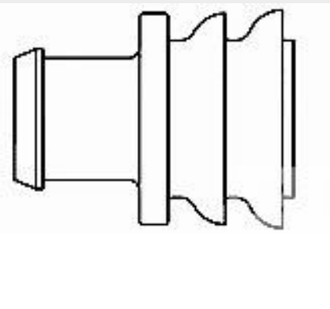
TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

Documents

Product Drawings

BG240M16/1

English

BG240M16/1

English

Datasheets & Catalog Pages

UTILUX BI-METAL CRIMP LUGS BG TYPE

English