27P-REC-3-01 ✔ ACTIVE

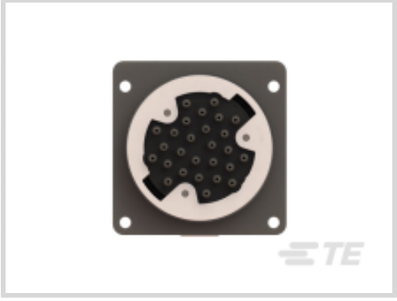
DEUTSCH | DEUTSCH MU27P

TE Internal #: YE-UC-212085A-0000

DEUTSCH MU27P, Standard Circular Connectors, Cable-to-Cable, 27 Position, Wire & Cable, 30A Contact Current Rating (Max), Signal, Panel Mount

View on TE.com >

Connectors > Circular Connectors > Standard Circular Connectors > MU27 RECEPTACLE - MALE



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

Number of Positions: **27**

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

Contact Current Rating (Max): **30 A**

Circuit Application: **Signal**

All MU27 RECEPTACLE - MALE (4)

Features

Product Type Features

Product Type	Connector
Prewired	No
Connector System	Cable-to-Cable
Connector & Contact Terminates To	Wire & Cable
Circular Connector Type	Receptacle
Shell Type	Metal

Configuration Features

Number of Positions	27

Electrical Characteristics

Operating Voltage	600 VAC

Body Features

Shell Plating Material	Trivalent Chromium
Shell Base Material	Aluminum Alloy
Circular Connector Insulation Material Type	Low Fire Hazard Thermoplastic

Contact Features

Contact Current Rating (Max)	30 A
Reverse Gender	No
Circular Connector Contact Type	Pin

Mechanical Attachment

Panel Mount Feature Type	Screw Nut
Connector Mounting Type	Panel Mount
Mating Alignment Type	Polarization
Mating Retention	With

Dimensions

Wire Size	10 AWG, 14 – 12 AWG

Usage Conditions

Fluid Resistance	Moisture/Spray
Operating Temperature Range	-40 – 100 °C[-40 – 212 °F]

Operation/Application

Circuit Application	Signal
Shielded	No

Packaging Features

Packaging Quantity	1

Other

Field Serviceable	Yes

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 2021 (211) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Pb (2.5% in Brass alloy component) Pb (.15% in Aluminium alloy 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

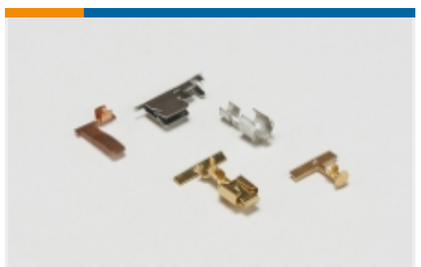
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

Compatible Parts

TE Part # CAT-R131-M88B
MU27 PLUG - FEMALE

TE Part # YS-UC-212124A-0000
CONTACTS KIT FOR RECEPTACLE

Also in the Series | DEUTSCH MU27P



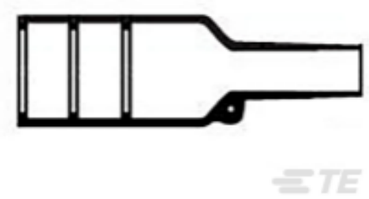
Special Purpose Terminals(2)

Standard Circular Connectors(11)

Customers Also Bought

TE Part #661269-000
TXR21AB00-1605AI

TE Part #1617807-5
FC-335-SY8= RELAY, 3PST



TE Part #358203-000
Bulbous Heat Shrink Boots: Lipped, Straight

TE Part #2-1614894-3
CPF 0805 301K 0.1% 25PPM 1K RL

TE Part #642427-000
Heat Shrink Boots: Poly Mold, Lipped

TE Part #1617147-5
JMGAP-26P = M39016/17-030P

TE Part #1617164-7
JMACT-5XL = M28776/1-025L

TE Part #358279-000
382C312-50-01-0

TE Part #ZPF000000000007174
983-0RS 08-98 PN

TE Part #1617119-5
J1MAW-18XP = M39016/7-021P

Documents

Product Drawings

RECEPTACLE, TYPICAL OF AEM-7

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_YE-UC-212085A-0000_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_YE-UC-212085A-0000_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_YE-UC-212085A-0000_E.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

MU27P Connect Series Flyer

English

Product Specifications

Product Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English