FDBA 54-24-61 PN-K-A1025 ✔ ACTIVE

DEUTSCH

TE Internal #: ZPF000000000203778

Wire-to-Panel, Circular Connector Receptacle, 61 Position, Shell Size 24, Sealable, Wire & Cable, Power, Signal & High Speed Data, Panel Mount

View on TE.com >

Connectors > Circular Connectors > Standard Circular Connectors



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

Connector Mounting Type: **Panel Mount**

Number of Positions: **61**

Sealable: **Yes**

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

Features

Product Type Features

Prewired	No
Connector Product Type	Connector Assembly
Connector System	Wire-to-Panel
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Circular Connector Type	Circular Connector Receptacle
Shell Type	Jam Nut Receptacle

Configuration Features

Number of Positions	61
Number of Power Positions	0
Number of Signal Positions	61
Contacts Preloaded	Yes

Electrical Characteristics

Operating Voltage	115 VDC

Body Features

Environmental Protection Type	Elastomer Sealed
Primary Product Color	Natural

Shell Plating Material	Black Anodized
Shell Base Material	Aluminum
Circular Connector Insulation Material Type	Thermoset
Hermetically Sealed	No

Contact Features

Contact Current Rating (Max)	7.5 A
Reverse Gender	No
Contact Layout Arrangement	24 – 61
Circular Connector Contact Type	PC Tail Pin

Termination Features

Termination Method to Wire & Cable	Solder

Mechanical Attachment

Panel Mount Feature Type	Jam Nut
Connector Mounting Type	Panel Mount

Housing Features

Circular Connector Shell Size	24

Dimensions

Wire Size	20 – 24 AWG

Usage Conditions

Operating Temperature Range	-65 – 200 °C[-85 – 392 °F]

Operation/Application

Durability Rating	500 Cycles
Circuit Application	Power, Signal & High Speed Data
Shielded	No

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	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: FEB 2026 (253)

	Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (1.2% in alloy) Dodecamethylcyclohexasiloxane (D6) (1% in component) Decamethylcyclopentasiloxane (D5) (1% in component) Octamethylcyclotetrasiloxane (D4) (1% in 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	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed 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 # 601967-1
CRIMPING TOOL M22520/1-01

Customers Also Bought



TE Part #ZPF000000000001261
097-0267-16 A1267



TE Part #CAT-HST-BSTS
BSTS/BSTS-FR Heat Shrink Tubing

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



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



TE Part #1616058-6
A703CD (FAA/PMA)=RELAY



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



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

Documents

Product Drawings

FDBA 54-24-61 PN-K-A1025

English

Datasheets & Catalog Pages

DEUTSCH FDBA-HDBA Series

English