ER1718RJL ✔ ACTIVE

CGS | CGS ER

TE Internal #: 2-1623749-4

18 ohm, Wire Wound, Power Resistor, 5 %, 14 W, 0 – 60 ppm/°C, Axial-Leaded, Copper Termination, 53.5 x 8 mm, Loose Piece - Tray, CGS ER

View on TE.com >

Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Power Resistor**

Element Type: **Wire Wound**

Power Rating: **14 W**

Resistance Class: **Up to 1kΩ**

Resistance Value: **18 Ω**

Features

Product Type Features

Resistor Type	Power Resistor
Element Type	Wire Wound

Configuration Features

Number of Resistors	1

Electrical Characteristics

Operating Voltage	750 V
Power Rating	14 W
Resistance Class	Up to 1kΩ
Resistance Value	18 Ω
Passive Component Tolerance	5 %

Body Features

Lead Type	Axial-Leaded

Termination Features

Termination Area Base Material	Copper
Number of Terminations	2

Dimensions

Passive Component Dimensions	53.5 x 8 mm

Usage Conditions

Operating Temperature Range	-55 – 200 °C[-67 – 392 °F]
Temperature Coefficient	0 – 60 ppm/°C

Packaging Features

Packaging Method	Loose Piece - Tray

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	Compliant
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: JUNE 2023 (235) 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	Wave solder capable to 265°C

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 # 1623749-6
ER17 22K 5% LOOSE



TE Part # 1-1623746-3
ER74 1R0 5% AMMO PK



TE Part # 6-1623746-9
ER74 R05 10% AMMO PK



TE Part # 4-1623750-7
ER58 R22 5% AMMO



TE Part # 1623748-1
ER16 10R 5% LOOSE

Also in the Series | CGS ER



Through-Hole Resistors(168)

Customers Also Bought



TE Part #C17600-000
VERSAFIT-MINI-SPL-1/8-BK



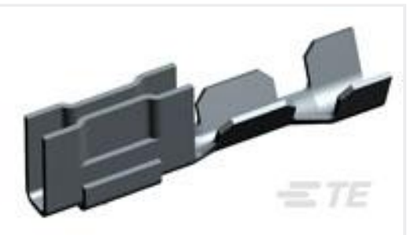
TE Part #84984-6
1mm FFC DIP V ASSY 6P NAT(TB)



TE Part #3-640706-1
SL 156 CONTACT LP



TE Part #770849-4
04P SL156 HSG W/LCK RMP & TABS



TE Part #1375819-3
CST-100 II CONTACT 30 GOLD PLT



TE Part #1375820-3
CST-100 II HOUSING 3 POS



TE Part #1623774-4
C14 22R 5% (LOOSE)



TE Part #1-2176471-5
HPCR 0819 A 10% 82R Std T&R



TE Part #3-2176614-1
EP 10W (SS) 18R 5% BULK BOX



TE Part #3-2176614-3
EP 10W (SS) 22R 5% BULK BOX

Documents

Product Drawings

ER17 18R 5% LOOSE

English

CAD Files

Customer View Model

ENG_CVM_CVM_2-1623749-4_BA1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1623749-4_BA1.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1623749-4_BA1.2d_dxf.zip

English

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Datasheets & Catalog Pages

4-1773460-6_RESISTIVE_SOLUTIONS_RAIL

English

1309350_PASSIVE_COMPONENT

English

High Power Resistors - Type ER/ERV Series

English

8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS

English