



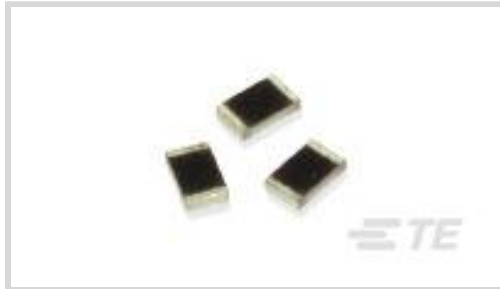
CGS | CGS RH73

TE Internal #: 1625862-4

50G Ω, Thick Film, High Value/High Voltage Resistor, 30 %, 2 Termination, 0805, Taped & Reeled, .125 W, ±1000 ppm/°C, Solder, CGS RH73

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Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **High Value/High Voltage Resistor**

Number of Terminations: **2**

Package Size Code: **0805**

Packaging Method: **Taped & Reeled**

Passive Component Tolerance: **30 %**

Features

Product Type Features

Resistor Type	High Value/High Voltage Resistor
Package Size Code	0805
Element Type	Thick Film

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Operating Voltage	100 V
Passive Component Tolerance	30 %
Resistance Class	1GΩ & Up
Resistance Value	50G Ω
Power Rating	.125 W

Termination Features

Number of Terminations	2
Surface Mount Resistor Termination Type	Solder

Dimensions

Product Height	.4 mm[.016 in]
Product Length	2 mm[.079 in]
Product Width	1.2 mm[.047 in]



Usage Conditions

Temperature Coefficient	±1000 ppm/°C
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Packaging Features

Packaging Method	Taped & Reeled
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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 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°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

 <p>TE Part # 1625856-2 RH73 2A 100M 10% 100PPM 1K RL</p>	 <p>TE Part # 1625861-3 RH73 2A 1G 30% 500PPM 1K RL</p>	 <p>TE Part # 1625862-1 RH73 2A 10G 30% 1000PPM 1K RL</p>	 <p>TE Part # 1625856-8 RH73 2A 50M 10% 100PPM 1K RL</p>
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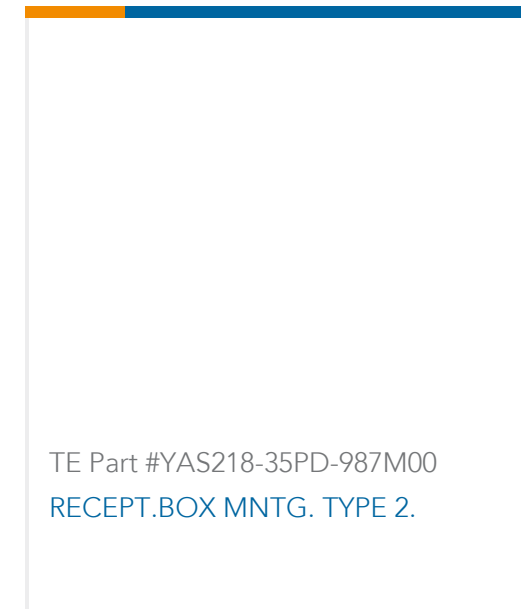
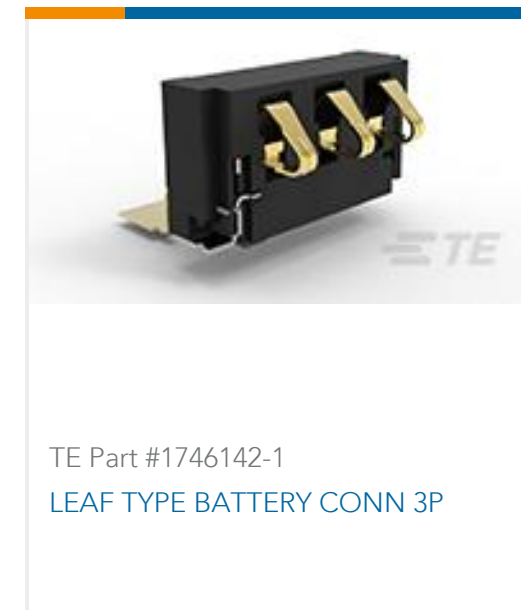
 <p>TE Part # 1625856-4 RH73 2A 20M 10% 100PPM 1K RL</p>	 <p>TE Part # 1625861-5 RH73 2A 500M 30% 500PPM 1K RL</p>	 <p>TE Part # 1625856-3 RH73 2A 15M 10% 100PPM 1K RL</p>	 <p>TE Part # 1625856-5 RH73 2A 30M 10% 100PPM 1K RL</p>
 <p>TE Part # 1625856-6 RH73 2A 40M 10% 100PPM 1K RL</p>	 <p>TE Part # 1625861-6 RH73 2A 5G 30% 500PPM 1K RL</p>	 <p>TE Part # 1625857-3 RH73 2B 15M 20% 100PPM 1K RL</p>	 <p>TE Part # 1625857-5 RH73 2B 30M 20% 100PPM 1K RL</p>
 <p>TE Part # 1625861-9 RH73 2A 50M 20% 500PPM 1K RL</p>	 <p>TE Part # 1625862-2 RH73 2A 20G 30% 1000PPM 1K RL</p>	 <p>TE Part # 1625855-2 RH73 1J 100M 5% 100PPM 1K RL</p>	 <p>TE Part # 1625856-7 RH73 2A 50M 5% 100PPM 1K RL</p>
 <p>TE Part # 1625857-4 RH73 2B 50M 20% 100PPM 1K RL</p>	 <p>TE Part # 1625860-4 RH73 2B 1G0 5% 250PPM 1K RL</p>	 <p>TE Part # 1625862-3 RH73 2A 33G 10% 1000PPM 1K RL</p>	 <p>TE Part # 1625862-8 RH73 2B 10G 10% 1000PPM 1K RL</p>

Also in the Series | **CGS RH73**



Surface Mount Resistors(34)

Customers Also Bought



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CAD Files

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[3D](#)

[Customer View Model](#)

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[ENG_CVM_CVM_1625862-4_BA.3d_igs.zip](#)

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[ENG_CVM_CVM_1625862-4_BA.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[1309350_PASSIVE_COMPONENT](#)

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