HCF166J47RJ ✔ ACTIVE

CGS | CGS HCF

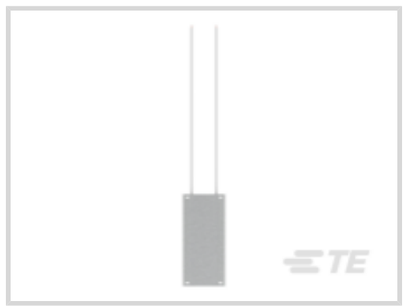
TE Internal #: 2176444-4

47 ohm, Wire Wound, 5 %, Power Resistor, 160 W, 2 Terminations, ±200 ppm/°C, Flying Leads, Loose Piece - Box, 15 mm [.591 in] Height, CGS HCF

View on TE.com >

Passive Components > Resistors > Chassis Mount Resistors





Resistor Type: **Power Resistor**

Resistance Class: **Up to 1kΩ**

Resistance Value: **47 Ω**

Power Rating: **160 W**

Element Type: **Wire Wound**

Features

Product Type Features

Resistor Type	Power Resistor
Element Type	Wire Wound

Configuration Features

Number of Resistors	1

Electrical Characteristics

Resistance Class	Up to 1kΩ
Resistance Value	47 Ω
Power Rating	160 W
Passive Component Tolerance	5 %

Termination Features

Number of Terminations	2
Chassis Mount Resistor Termination Type	Flying Leads

Mechanical Attachment

Panel Mount Feature Type	Flange with Mounting Holes

Dimensions

Product Height	15 mm[.591 in]
Product Length	166 mm[6.535 in]
Product Width	76 mm[2.992 in]

Usage Conditions

Temperature Coefficient	±200 ppm/°C

Packaging Features

Packaging Method	Loose Piece - Box

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 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Hand solderable with lead free solder

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 # 1-2176444-0
HCF166 160W 470R 5% LEAD



TE Part # 2176444-1
HCF166 160W 10R 5% LEAD



TE Part # 2176444-7
HCF166 160W 150R 5% LEAD



TE Part # 2176444-2
HCF166 160W 22R 5% LEAD



TE Part # 1-2176444-2
HCF166 160W 1K0 5% LEAD



TE Part # 2176444-3
HCF166 160W 33R 5% LEAD



TE Part # 2176444-8
HCF166 160W 220R 5% LEAD



TE Part # 2176444-5
HCF166 160W 68R 5% LEAD



TE Part # 1-2176444-1
HCF166 160W 680R 5% LEAD



TE Part # 2176444-9
HCF166 160W 330R 5% LEAD



TE Part # 2176444-6
HCF166 160W 100R 5% LEAD

Also in the Series | CGS HCF

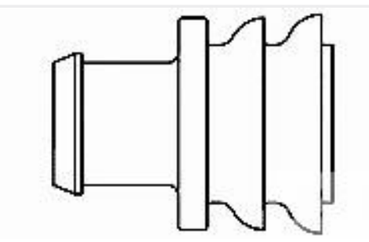


Chassis Mount Resistors(50)

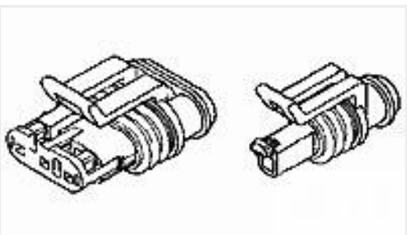
Customers Also Bought



TE Part #178305-2
DYNAMIC D3100D HDR H 10P PdNI & AU038



TE Part #281934-4
SINGLE WIRE SEAL



TE Part #282080-1
AMP SUPERSEAL 1.5 SERIES 2P PL



TE Part #3-316081-2
DYNAMIC D-3200 HDR ASSY 12P H PdNi & Au



TE Part #828904-1
SINGLE WIRE SEAL FOR J.P.T.CON



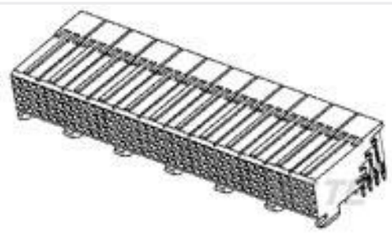
TE Part #CAT-D9934-A78A
DYNAMIC 4000 REC AND TAB HSG



TE Part #1-1827875-8
DYNAMIC 1200D HDR ASSY V 16PX BLACK GOLD



TE Part #6-1879071-2
THS50 47K 5%



TE Part #5536507-3
2MM FB,ASY,096,SIG,REC,SL,2.73

Documents

Product Drawings

HCF166 160W 47R 5% LEAD

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2176444-4_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2176444-4_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2176444-4_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

Aluminium Housed Breaking Resistor - Type HCF Series

English