

THS2512RJ

✓ ACTIVE

CGS | CGS THS

TE Internal #: 2-1879075-5

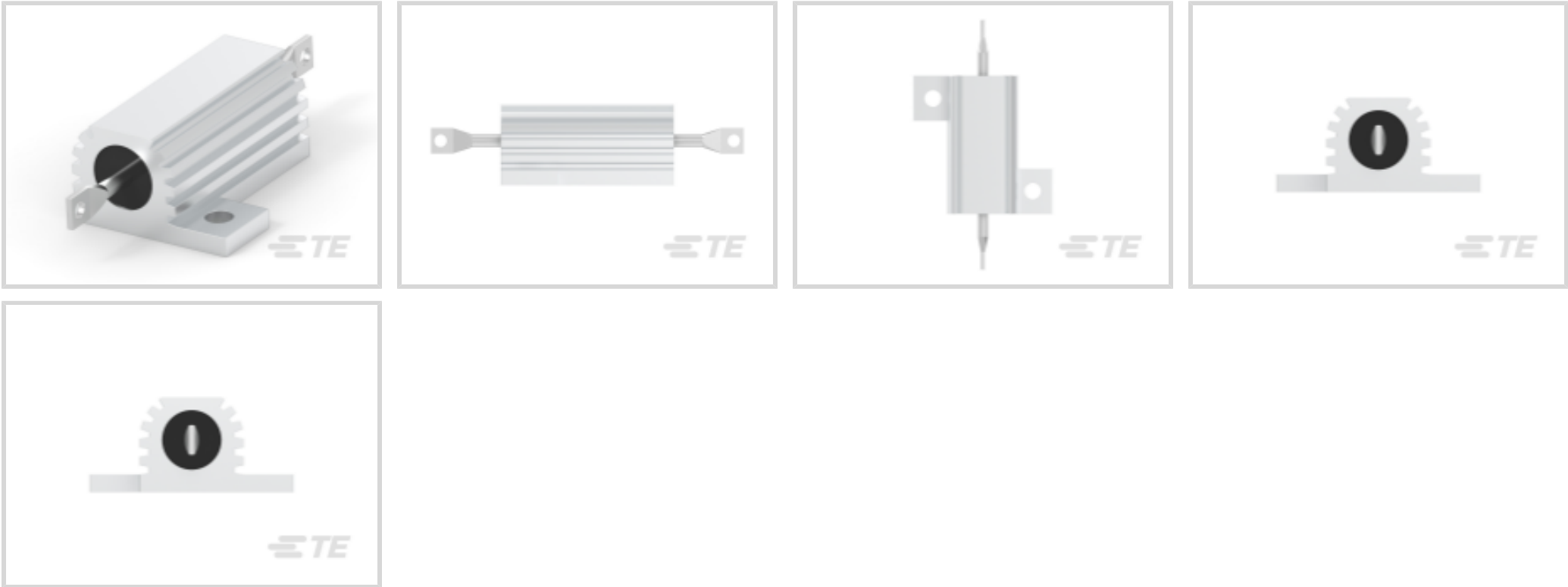
12 ohm, Wire Wound, 5 %, Power Resistor, 25 W, 2 Terminations,  
±50 ppm/°C, Solder Lug, Loose Piece - Tray, 15 mm [.591 in]

Height, CGS THS

[View on TE.com >](#)



Passive Components > Resistors > Chassis Mount Resistors > Power Resistor: Aluminum Housed, 75 Watt



Resistor Type: **Power Resistor**

Resistance Class: **Up to 1kΩ**

Resistance Value: **12 Ω**

Power Rating: **25 W**

Element Type: **Wire Wound**

[All Power Resistor: Aluminum Housed, 75 Watt \(236\)](#)

Features

Product Type Features

|               |                |
|---------------|----------------|
| Resistor Type | Power Resistor |
| Element Type  | Wire Wound     |

Configuration Features

|                     |   |
|---------------------|---|
| Number of Resistors | 1 |
|---------------------|---|

Electrical Characteristics

|                             |           |
|-----------------------------|-----------|
| Operating Voltage           | 550 VDC   |
| Resistance Class            | Up to 1kΩ |
| Resistance Value            | 12 Ω      |
| Power Rating                | 25 W      |
| Passive Component Tolerance | 5 %       |

Termination Features

|                        |   |
|------------------------|---|
| Number of Terminations | 2 |
|------------------------|---|



Chassis Mount Resistor Termination Type

Solder Lug

Mechanical Attachment

|                          |                            |
|--------------------------|----------------------------|
| Panel Mount Feature Type | Flange with Mounting Holes |
|--------------------------|----------------------------|

Dimensions

|                |                 |
|----------------|-----------------|
| Product Height | 15 mm[.591 in]  |
| Product Length | 51 mm[2.008 in] |
| Product Width  | 28 mm[1.102 in] |

Usage Conditions

|                         |            |
|-------------------------|------------|
| Temperature Coefficient | ±50 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)<br>Candidate List Declared Against: JAN 2025 (247)<br>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                     | 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 # CAT-C339-T419

Power Resistor: Aluminum Housed, 75 Watt

Also in the Series | CGS THS

Chassis Mount Resistors(241)

PCI & PCI Express Connectors(8)

Customers Also Bought

TE Part #813217-SF

IL13-US2-SJT-3100-366

TE Part #1-826629-6

16X1 AMPMODU II HDR ST

TE Part #4-1437565-0

FSM4JRT=FSM 2 LEAD ON RADIAL T

TE Part #1676262-2

RN 0805 23K7 0.1% 10PPM 1KRL

TE Part #1676473-2

RN 0805 9K31 0.1% 10PPM 1KRL

TE Part #1761465-2

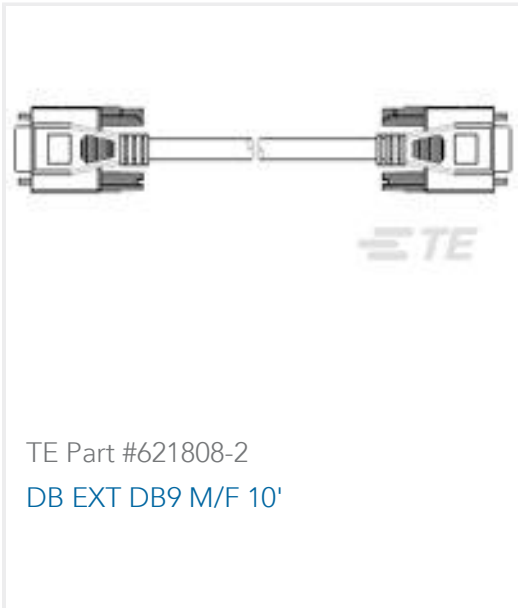
PCI Express RA assy 5.8mm slot 2.3 mm pc

TE Part #2337815-1

MINISAS HD TO MINISAS HD,30AWG, 0.5M

TE Part #6609116-2

3EHG1-2=F7703 S0



Documents

Product Drawings

[THS25 12R 5%](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1879075-5\\_BB.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1879075-5\\_BB.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1879075-5\\_BB.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[4-1773460-6\\_RESISTIVE\\_SOLUTIONS\\_RAIL](#)

English

[1309350\\_PASSIVE\\_COMPONENT](#)

English

[Aluminium Housed Power Resistors - Type THS Series - Tyco Electronics Passives](#)

English

[8-1773459-4\\_POWER\\_FILTERING\\_AND\\_RESISTIVE\\_SOLUTIONS\\_FOR\\_ELEVATORS\\_AND\\_ESCALATORS](#)

English