

FEATURES

- Free CAD parts library with Vishay 2D drawings and 3D models
- No login required for browsing the catalog
Login required only for downloading the models
- Exact geometrical dimensions allows you to scale the Vishay models into your design
- Includes all the features you need to assemble and fit the 3D models into your design
- Includes SMD component footprints and layout configurations for printed circuit board designs

AVAILABLE CAD FORMATS FOR DOWNLOAD

3D native formats: CATIA | INVENTOR | MECHANICAL DESKTOP | Pro/ENGINEER | SOLID EDGE | SOLIDWORKS | THINKDESIGN | TOPSOLID | UNIGRAPHICS | ⁽¹⁾

3D neutral formats: ACIS | IGES | PARASOLID | STEP AP203 | STEP AP214

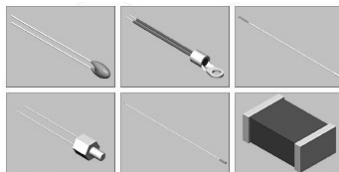
3D other formats: Alibre | Architectural Desktop | AutoCAD | CADKEY | HiCAD | IntelliCAD | IronCAD | Kompas 3D | MegaCAD | MicroStation | Solid Designer | TurboCAD | ⁽¹⁾

2D: DWG (7 views) | DXF (7 views) | ⁽¹⁾

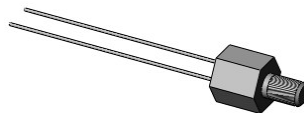
DIRECTLY INTEGRATE A VISHAY MODEL IN YOUR DESIGN

1. Choose the model to be downloaded in the Vishay catalog (refer to Page 2 for details)
2. Download and unzip the model
3. Integrate directly in your design

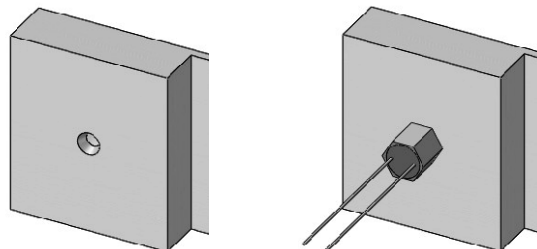
Browse Vishay Catalog



Download and Unzip



Easy integrate the Vishay Model in Your Design



Note

⁽¹⁾ Trademarks are deposited by the respective owners

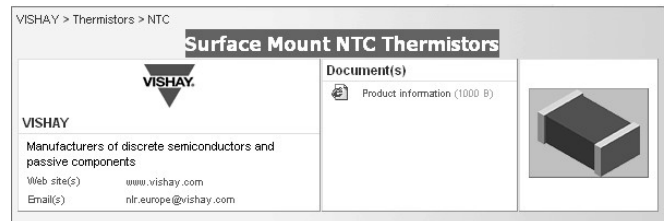
DETAILED INSTRUCTIONS

1. Access to the url:
2. Choose in the list:
or in the International ICS classification, choose
or
3. Choose the model to be downloaded
Example: Surface Mount NTC Thermistors

www.tracepartsonline.net ⁽¹⁾

Vishay

Electronics → **Electronic components in general** → **Thermistors**
Electrical engineering → **Mechanical and electronic detection**
→ **Temperature sensor**

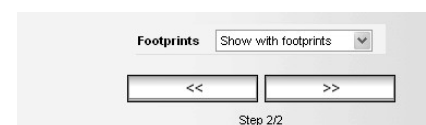


4. Select one table row
Example: 4.7 kΩ 3 %

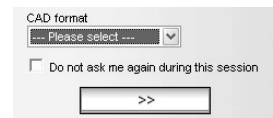
Please select one table row below:

R25 (kohm)	Tolerance on R25	B25/B5 (K)	Tolerance on B25/B5	12 IIC Ordering code	SAP Material No.
> 2.2	5%	3600	±1	2381 615 53222	NTCS0805E3222JMT
> 2.2	3%	3600	±1	2381 615 56222	NTCS0805E3222HMT
> 2.2	2%	3600	±1	2381 615 54222	NTCS0805E3222GMT
> 2.2	1%	3600	±1	2381 615 55222	NTCS0805E3222FMT
> 4.7	5%	3500	±1	2381 615 53472	NTCS0805E3472JMT
> 4.7	3%	3500	±1	2381 615 56472	NTCS0805E3472HMT
> 4.7	2%	3500	±1	2381 615 54472	NTCS0805E3472GMT
> 4.7	1%	3500	±1	2381 615 55472	NTCS0805E3472FMT
> 10	5%	3570	±3	2381 615 53103	NTCS0805E3103JMT

5. Select the other configurations (if necessary)
Example: With Footprints (Pad Layout)



6. Select the CAD format for download
7. Click on the double arrow >>



8. Register or enter your E-mail address and password

You are already registered?

Enter your Email and password.
Forgot Password?

Email address:

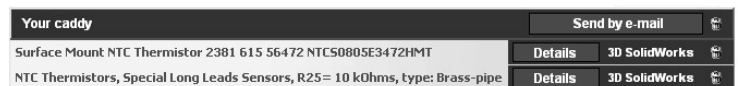
Password:

Remember me

You are not registered yet?

Registration is fast and FREE!
Simply click here to create your account.

9. On the "Caddy", click the "Download" or "Send by e-mail" button



10. Save the ZIP file and Unzip the model
11. Open the CAD file in your CAD system
12. For other product details, click on

www.vishay.com

nlr@vishay.com

Product information

to access to Vishay web site

for technical questions

to access to Vishay web product page (ordering system, distributors, packaging size, etc.)

Recommendations:

If you do not receive your files by e-mail after a few minutes, it may be due to an anti-spam system. In this case add "traceparts.com" or "partsmaster@traceparts.com" to the list of authorized senders, so that messages from TraceParts Online are not blocked anymore.

Note

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