

# VITA Conduction Cooled Assemblies



Order and manage one part number for entire CCA assembly including part marking and component labeling as well as card-locks, extractors, coding keys, EMC gaskets, and thermal pads.

## FEATURES

Full design services including thermal analysis

Fast turnaround 3D printed CCA's and frames for fit checks

Downloadable standards compliant CAD templates - 3 U and 6 U templates available

Available in black anodize, chemical film, electroless nickel finishes

ESD Packaging Available



## SPECIFICATIONS

Table 1/2

| Catalog Number          | Works With                   | Clamp Force  | Gap Width            | Design Feature         | Thermal Performance | Profile        |
|-------------------------|------------------------------|--------------|----------------------|------------------------|---------------------|----------------|
| 3U260VITA30.1PS-700     | Conduction Cooled Enclosures | 136 – 181kgf | PCB + (7.0 - 7.9 mm) |                        | Better              | 6.35 x 6.26 mm |
| 3U260VITA46.0PS-700     | Conduction Cooled Enclosures | 136 – 181kgf | PCB + (7.0 - 7.9 mm) |                        | Better              | 6.35 x 6.26 mm |
| 3U260VITA48.2PS-311     | Conduction Cooled Enclosures | 136 – 181kgf | PCB + (7.0 - 7.9 mm) | Tolerance Compensating | Better              | 6.35 x 6.26 mm |
| 3U260VITA48.2SS-311     | Conduction Cooled Enclosures | 136 – 181kgf | PCB + (7.0 - 7.9 mm) | Tolerance Compensating | Better              | 6.35 x 6.26 mm |
| 3UVPX48.2-PS260HTSI-311 | Conduction Cooled Enclosures | 272 – 318kgf | PCB + (7.0 - 7.9 mm) | Tolerance Compensating | Best                | 6.35 x 6.26 mm |
| 6U260IEEE1101.2PS-700   | Conduction Cooled Enclosures | 136 – 181kgf | PCB + (7.0 - 7.9 mm) |                        | Better              | 6.35 x 6.26 mm |
| 6U260VITA30.1PS-700     | Conduction Cooled Enclosures | 136 – 181kgf | PCB + (7.0 - 7.9 mm) |                        | Better              | 6.35 x 6.26 mm |
| 6U260VITA46.0PS-700     | Conduction Cooled Enclosures | 136 – 181kgf | PCB + (7.0 - 7.9 mm) |                        | Better              | 6.35 x 6.26 mm |

| Catalog Number      | Works With                   | Clamp Force  | Gap Width            | Design Feature         | Thermal Performance | Profile        |
|---------------------|------------------------------|--------------|----------------------|------------------------|---------------------|----------------|
| 6U260VITA48.2PS-311 | Conduction Cooled Enclosures | 136 – 181kgf | PCB + (7.0 - 7.9 mm) | Tolerance Compensating | Better              | 6.35 x 6.26 mm |
| 6U260VITA48.2SS-311 | Conduction Cooled Enclosures | 136 – 181kgf | PCB + (7.0 - 7.9 mm) | Tolerance Compensating | Better              | 6.35 x 6.26 mm |

| Table 2/2               |             |                     |             |                |          |
|-------------------------|-------------|---------------------|-------------|----------------|----------|
| Catalog Number          | Rack Height | Complies With       | Orientation | Finish         | Material |
| 3U260VITA30.1PS-700     | 3U          | ANSI/VITA 30.1-2008 | Primary     |                | Aluminum |
| 3U260VITA46.0PS-700     | 3U          | ANSI/VITA 46.0-2019 | Primary     |                | Aluminum |
| 3U260VITA48.2PS-311     | 3U          | ANSI/VITA 48.2-2020 | Primary     | Black Anodized | Aluminum |
| 3U260VITA48.2SS-311     | 3U          | ANSI/VITA 48.2-2020 | Secondary   | Black Anodized | Aluminum |
| 3UVPX48.2-PS260HTSI-311 | 3U          |                     |             |                | Aluminum |
| 6U260IEEE1101.2PS-700   | 6U          |                     | Primary     |                | Aluminum |
| 6U260VITA30.1PS-700     | 6U          | ANSI/VITA 30.1-2008 | Primary     |                | Aluminum |
| 6U260VITA46.0PS-700     | 6U          | ANSI/VITA 46.0-2019 | Primary     |                | Aluminum |
| 6U260VITA48.2PS-311     | 6U          | ANSI/VITA 48.2-2020 | Primary     | Black Anodized | Aluminum |
| 6U260VITA48.2SS-311     | 6U          | ANSI/VITA 48.2-2020 | Secondary   | Black Anodized | Aluminum |

## ADDITIONAL PRODUCT DETAILS

From time to time, nVent may modify its product specifications to be in conformity with applicable industry, military or other relevant standards. Unless otherwise mutually agreed in writing, cancelled or superseded military specifications may be certified to the latest or superseding specifications. Products manufactured in conformity with such specifications will be deemed fully compliant whether or not you have been notified of such modifications, even if different from the original specification or those referenced by the customer.

## WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

### North America

All locations  
+1.763.422.2661  
Chat with us:  
[nvent.com/schroff](https://nvent.com/schroff)

### Europe

Straubenhardt, Germany  
+49.7082.794.0  
Betschdorf, France  
+33.3.88.90.64.90  
Warsaw, Poland  
+48.22.209.98.35  
Assago, Italy  
+39.02.932.7141  
Chat with us:  
[nvent.com/schroff](https://nvent.com/schroff)

### Asia

Shanghai, China  
+86.21.2412.6943  
Qingdao, China  
+86.532.8771.6101  
Singapore  
+65.6768.5800  
Shin-Yokohama, Japan  
+81.45.476.0271  
Chat with us:  
[nvent.com/schroff](https://nvent.com/schroff)

### Middle East & India

Dubai, United Arab  
Emirates  
+971.4.378.1700  
Bangalore, India  
+91.80.6715.2001  
Istanbul, Turkey  
+90.216.250.7374  
Chat with us:  
[nvent.com/schroff](https://nvent.com/schroff)

