

# VITA Conduction Cooled Assemblies



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

## CERTIFICATIONS



## 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        |
|-------------------------|------------------------------|--------------|----------------------|----------------|---------------------|----------------|
| 3U260VITA30.1<br>PS-700 | Conduction Cooled Enclosures | 136 – 181kgf | PCB + (7.0 - 7.9 mm) |                | Better              | 6.35 x 6.26 mm |
| 3U260VITA46.0<br>PS-700 | Conduction Cooled Enclosures | 136 – 181kgf | PCB + (7.0 - 7.9 mm) |                | Better              | 6.35 x 6.26 mm |

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

Table 2/2

| Catalog Number          | Rack Height | Complies With          | Orientation | Finish         | Material | Quick Ship |
|-------------------------|-------------|------------------------|-------------|----------------|----------|------------|
| 3U260VITA30.1<br>PS-700 | 3U          | ANSI/VITA<br>30.1-2008 | Primary     |                | Aluminum | No         |
| 3U260VITA46.0<br>PS-700 | 3U          | ANSI/VITA<br>46.0-2019 | Primary     |                | Aluminum | No         |
| 3U260VITA48.2<br>PS-311 | 3U          | ANSI/VITA<br>48.2-2020 | Primary     | Black Anodized | Aluminum | No         |
| 3U260VITA48.2<br>SS-311 | 3U          | ANSI/VITA<br>48.2-2020 | Secondary   | Black Anodized | Aluminum | No         |

| CatalogNumber               | Rack Height | Complies With          | Orientation | Finish         | Material | Quick Ship |
|-----------------------------|-------------|------------------------|-------------|----------------|----------|------------|
| 3UVPX48.2-<br>PS260HTSI-311 | 3U          |                        |             |                | Aluminum | No         |
| 6U260IEEE1101<br>.2PS-700   | 6U          |                        | Primary     |                | Aluminum | No         |
| 6U260VITA30.1<br>PS-700     | 6U          | ANSI/VITA<br>30.1-2008 | Primary     |                | Aluminum | No         |
| 6U260VITA46.0<br>PS-700     | 6U          | ANSI/VITA<br>46.0-2019 | Primary     |                | Aluminum | No         |
| 6U260VITA48.2<br>PS-311     | 6U          | ANSI/VITA<br>48.2-2020 | Primary     | Black Anodized | Aluminum | No         |
| 6U260VITA48.2<br>SS-311     | 6U          | ANSI/VITA<br>48.2-2020 | Secondary   | Black Anodized | Aluminum | No         |

## ADDITIONAL PRODUCT DETAILS

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