



## BARRIER STRIPS



✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

### 8PCV-16-006= #8 TRI-BARRIER TER

Buchanan

8PCV-16-006

TE Internal Number: 6-1437658-6

Always EU RoHS/ELV Compliant

Barrier Style **Tri-Barrier**

Bottom Termination Style **Printed Circuit Pin**

Current Rating (A) **30**

Centerline **11.1 mm [ .438 in ]**

Number of Positions **16**

#### Product Drawings

[8PCV-XX-006 ASSEMBLY](#)

PDF  
English

#### CAD Files

[3D PDF](#)

PDF  
3D

[Customer View Model](#)

3D\_IGS.ZIP  
English

[Customer View Model](#)

2D\_DXF.ZIP  
English

[Customer View Model](#)

3D\_STP.ZIP  
English

#### Catalog Pages/Data Sheets

[1-1773458-2\\_BARRIER\\_STRIPS\\_QUICK\\_REFERENCE\\_GUIDE](#)

PDF  
English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

#### Product Type Features

Block Style

**Open Bottom with Standoffs**

Product Type

**Barrier Strip**

Applies To

**Printed Circuit Board**

#### Configuration Features

Number of Positions

**16**

Number of Rows

**1**

|                            |                             |                               |
|----------------------------|-----------------------------|-------------------------------|
|                            | Number of Levels            | 1                             |
|                            |                             |                               |
| Electrical Characteristics | Current Rating (A)          | 30                            |
|                            | Voltage (V)                 | 600                           |
|                            | Current Rating (Max) (A)    | 30                            |
| Body Features              | Barrier Style               | Tri-Barrier                   |
|                            | Color                       | Black                         |
| Contact Features           | Terminal Material           | Copper Alloy                  |
|                            | Terminal Plating Finish     | Bright                        |
|                            | Terminal Plating Material   | Tin                           |
| Termination Features       | Bottom Termination Style    | Printed Circuit Pin           |
| Mechanical Attachment      | Top Hardware                | Wire Clamp Combo Head         |
|                            | Mounting Options            | None                          |
|                            | Screw Material              | Steel                         |
|                            | Screw Plating Material      | Zinc                          |
|                            | Mounting Insert             | Without                       |
|                            | Mounting Angle              | Vertical                      |
|                            | Mounting Style              | Direct (All Positions Filled) |
|                            | Mounting Ears               | Without                       |
|                            | Screw Size                  | 8-32                          |
|                            | Screw Head Type             | Wire Clamp Combo Head         |
| Housing Features           | Centerline                  | 11.1 mm [ .438 in ]           |
|                            | Housing Material            | Thermoplastic                 |
| Dimensions                 | Wire Range (AWG)            | 18 – 10, 22 – 10              |
|                            | Wire Range (mm²)            | .326 – 5.26                   |
|                            | Length                      | 179.65 mm [ 7.073 in ]        |
| Usage Conditions           | Operating Temperature Range | -40 – 120 °C [ -40 – 248 °F ] |
| Industry Standards         | UL Flammability Rating      | UL 94V-0                      |

|                    |                    |         |
|--------------------|--------------------|---------|
| Packaging Features | Packaging Quantity | 35      |
|                    | Packaging Method   | Package |

|       |         |   |
|-------|---------|---|
| Other | Comment | Do not order screw and captive clamp in combination with other top hardware., Other options available upon request, consult our Product Information Center. |
|-------|---------|---|

|                    |   |
|--------------------|---|
| Product Compliance | <a href="#">Statement of Compliance</a>     |
|                    | <a href="#">VIEW ALL PRODUCT COMPLIANCE</a> |