

PXV0411/12S/5055 Datasheet



Product Name // Vitalis Inline Cable Connector PXV0411 12  
Contact Socket 5.0mm-5.5mm Cable

[View Product Page](#)



| // Product Description:                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>PXV0411/12S/5055 provides an average PCF reduction of 6.1kg CO2e per 100 units vs. the equivalent Standard 400 Series part number</li><li>Inline Cable Connector</li><li>Water and dustproof to IP68 when mated with compatible connector</li><li>Socket</li><li>12 Contact</li></ul> | <ul style="list-style-type: none"><li>1A Crimp or Solder Contacts available (supplied separately)</li><li>Contact insertion and crimp tools available (supplied separately)</li><li>5.0mm to 5.5mm cable acceptance</li><li>PXV0480/1 Sealing Cap available separately to maintain IP rating of unmated connectors</li><li>Mate with Flex Cable Connectors PXV0410</li></ul> |

| // General Information:         |                              |
|---------------------------------|------------------------------|
| Product Display Title:          | Inline Cable Connector       |
| Product Family:                 | Circular Power Connectors    |
| Approvals:                      | cULus(Pending), VDE(Pending) |
| Body Material:                  | Polyamide (PA)               |
| Body Material Type:             | Plastic Body                 |
| Contact Type:                   | Socket Contact               |
| Coupling Type:                  | Screw                        |
| Current Max:                    | 1A                           |
| Diameter Over Coupling Ring Mm: | 19.1mm                       |
| Flamability Rating:             | UL94V-0                      |
| Function:                       | Inline Cable Connector       |
| Ip Rating:                      | IP68, IP69K                  |
| Max Cable Entry Size:           | 5.5mm                        |
| Min Cable Entry Size:           | 5.0mm                        |
| Max Contact Accomodation Awg:   | 24AWG                        |
| Min Contact Accomodation Awg:   | 28AWG                        |
| Max Contact Accomodation Mm2:   | 0.25mm2                      |
| Min Contact Accomodation Mm2:   | 0.08mm2                      |
| Max Operating Temperature:      | +80°C                        |
| Min Operating Temperature:      | -40°C                        |
| Number Of Contacts:             | 12 Contacts                  |
| Rohs Compliant:                 | Yes                          |
| Voltage Max:                    | 50V                          |

// Product PDF Links

400 Vitalis Buccaneer Product Data

// Product 3D CAD Model Links

PXV0411/12S/50553D CAD Model