

## Solar Connector PV-BN101A (1.5KV)



IEC 1500V  
UL 1500V



UL: 6703  
IEC: 62852



-40°C~90°C



UL94-V0



IP 68



UV Resistance



### Product Overview

PV-BN101A connectors use high quality materials that guarantee long-term reliability. Lower contact resistance and higher current transfer capability ensure high product efficiency. PV-BN101A connectors have IP68 water-proof rating and can be used in a wide operating temperature range from -40°C to 90°C.

### Technical Data

|                       |                                                                             |
|-----------------------|-----------------------------------------------------------------------------|
| Rated Voltage         | IEC 1500V\UL1500V                                                           |
| Certification         | IEC 62852; UL 6703                                                          |
| Rated Current         | 35A/40A/45A/55A                                                             |
| Ambient temperature   | -40°C do +90 °C                                                             |
| Contact Resistance    | ≤0.25mΩ                                                                     |
| Pollution Degree      | Class II                                                                    |
| Protection Degree     | Class II                                                                    |
| Fire Resistance       | UL94-V0                                                                     |
| Rated Impulse Voltage | 16KV                                                                        |
| Locking System        | Typ NEC                                                                     |
| Cable Cross Section   | 2.5mm <sup>2</sup> /4mm <sup>2</sup> /6mm <sup>2</sup><br>14AWG/12AWG/10AWG |
| Cable OD Range/mm     | 5.0mm~6.9mm                                                                 |
| Product code          | A0114                                                                       |

