

Sheet1

PRODUCT

|                 |          |
|-----------------|----------|
| Part Number     | BF2PSBNN |
| Connection type | Plug     |
| Gender          | Male     |

ELECTRICAL

|                                 |                             |
|---------------------------------|-----------------------------|
| Contact Resistance              | Depends on mating connector |
| Insertion-Withdrawal force      | Depends on mating connector |
| Dielectric Withstanding Voltage | 15,000 V                    |
| Current Rating                  | Depends on mating connector |

MECHANICAL

|                   |                     |
|-------------------|---------------------|
| Max cable OD      | 0.400"/10mm         |
| Lifetime          | >1000 mating cycles |
| Wire Size         | 12AWG               |
| Termination       | Solder contacts     |
| Strainrelief      | Crimp tabs          |
| Temperature range | -40 to +120 C       |

Materials

|                      |  |
|----------------------|--|
| Terminals            | Cu70Zn30 SN plate .0002"                       |
| Insulation           | PA 6 copolymer                                 |
| contacts and housing | Cu62Zn35Pb3                                    |
| Finish               | Plug, Bright Nickel Plate Housing Black Nickel |