



Material and Finish

Shell: Steel, Tin Plated
 Insulator: PBT Thermoplastic with Glass-Fiber Reinforcement, UL94V-0 Rated
 Color: Black

Contact Material:
 Plug - Brass

Contact Plating Options:
 Standard: Gold Flash on Mating End, Tin on Termination End, Nickel Underplate on Entire Contact

15 Option: 15u" Gold on Mating End, Tin on Termination End, Nickel Underplate on Entire Contact

30 Option: 30u" Gold on Mating End, Tin on Termination End, Nickel Underplate on Entire Contact

Electrical Specifications

Rated Current: 1.5A
 Rated Voltage: 30Vac
 Insulation Resistance: more than 1000 Megohms at 500V DC
 Contact Resistance: 13 milliohms Max.
 Dielectric Withstanding Voltage: 1000V for 1 Minute
 Operating Temperature: -55°C to +105°C

Ordering Information

| Part Number | Contact Area Plating Finish |
|--------------------|------------------------------|
| KF86X-ED-15P-BRJ | Gold Flash (standard option) |
| KF86X-ED-15P-BRJ15 | 15u" Gold (15 option) |
| KF86X-ED-15P-BRJ30 | 30u" Gold (30 option) |

Ferrite Specifications

| Measured Value(OHM) | Test Frequency |
|---------------------|----------------|
| 12 MIN. | 25 MHz. |
| 30 MIN. | 100 MHz. |

| Tolerances |
|-------------------------|
| X.X ± 0.30 |
| X.XX ± 0.20 |
| Unless Stated Otherwise |



| REV. | DATE | DESCRIPTION | REV. BY | CHK. BY | DRAWN BY | DATE |
|------|----------|-------------|---------|-------------|----------|----------|
| A1 | 03/30/09 | New Drawing | S. Vien | H. MA | S. Vien | 01/13/09 |
| A2 | 05/09/14 | ECO #14-020 | D. Gih | H. MA | | |
| A3 | 10/16/14 | ECO #14-028 | H. MA | P. DalCanto | | |
| A4 | 03/30/16 | ECO #16-009 | H. MA | W. Cook | | |
| | | | | | UNITS | |
| | | | | | mm | |

KF86X-ED-15P-BRJ

Vertical D-Sub, High Density, RoHS Compliant

JS, Ferrite, 15 Pin, Male, Boardlocks

