



Material and Finish

- Shell: Steel, Nickel 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: 29Vac
- Insulation Resistance: more than 1000 megohms at 500V DC
- Contact Resistance: 13 milliohms max.
- Dielectric Strength: 1000V for 1 minute
- Durability Rating: 500 mating cycles min.
- Operating Temperature: -55°C to +75°C

Ferrite Specifications

| Measured Value(OHM) | Test Frequency |
|---------------------|----------------|
| 25 MIN. | 25 MHz. |
| 50 MIN. | 100 MHz. |

| Part Number | Contact Area Plating Finish |
|----------------|-----------------------------|
| KF66X-B44P-N | Gold Flash (standard) |
| KF66X-B44P-N15 | 15u" Gold (15 option) |
| KF66X-B44P-N30 | 30u" Gold (30 option) |



| Tolerances |
|-------------------------|
| X.X ± 0.25 |
| X.XX ± 0.15 |
| Unless Stated Otherwise |

| REV. | DATE | DESCRIPTION | REV. BY | CHK. BY | DRAWN BY | DATE |
|------|----------|-------------|---------|-------------|----------|----------|
| A1 | 11/19/08 | New Drawing | S. Vien | H. MA | S. Vien | 07/28/08 |
| A2 | 07/11/14 | ECO#14-027 | H. MA | P. DalCanto | | |
| A3 | 03/14/16 | ECO#15-019 | H. MA | W. Cook | | |
| A4 | 12/31/17 | ECO#17-028 | H. MA | C. Furumasu | | |

KF66X-B44P-N

D-Sub, HD, RoHS Compliant

Ferrite, 44 Pos., Male, Boardlocks

