



KFO42X Series

Stacked Optical Audio Jack Transmitter Over Mini-Din

Features

- Stacked options save board space and improves assembling efficiency
- Optical split gate version
- Available as either a transmitter or receiver version
- Conforms to JEITA standards EIAJ RC - 5720

Performance Specifications

Material and Finish

Body

KFO42X : Thermoplastic UL94V-0 Rated, Black Color
Optical Jack Gate : Thermoplastic UL94V-0 Rated,

Contact

Copper Alloy ,Tin Plated

Tin Plated on Termination, all over Nickle underplate

Shield : Copper Alloy,Tin Plated

Back Shield : Copper Alloy,Nickel Plated

Electrical Characteristics (Mini-Din)

Contact Resistance:

Before Durability Test : Plug to Terminal : 30 Milliohms Max

After Durability Test : Plug to Terminal : 60 Milliohms Max

Insulation Resistance : 500 Megohms Min. at 500V DC

Dielectric Withstanding Voltage : 500V AC RMS For 1 Minute

Current Rating : 2 Amp at 12v dc Max.

Operating Temperature : -25°C to + 85°C

Mechanical characteristics

Insertion Force : Mini-Din - 0.5 - 4.5 kg

Optical Jack - 3.5 kg Max

Extraction Force : Mini-Din - 0.5 - 4.5 kg

Optical Jack - 3.5 kg Max

Durability : Mini-Din 500 mating cycles

Optical Jack 5000 mating cycles

OPTICAL JACK

KFO42X Series

Ordering Information

| | | | | | | |
|--------|---|------|---|----------|---|------------|
| KFO42X | - | T | / | 4S | - | G2S1 |
| Series | | Type | | Mini Din | | Split Gate |

Series

KFO42X - Stacked Optical Jack

Type

T - Transmitter

R - Receiver

Mini-Din

4S - 4 Pin Mini-Din

Split Gate

T - Lime Green

R - Pink

KFO42X-T/4S-G2S1 Dimensions Dimensions in mm

