



KFO42X Series
Stacked Optical Audio Jack Over Mini-Din

Features



- Stacked Options Save Board Space and Improves Assembling Efficiency
- Optical Split Gate Version
- Available as Either a Transmitter or Receiver
- Conforms to JEITA Standards EIAJ RC - 5720
- CSA/NRTL Certified File No. LR78160

Performance Specifications

Material and Finish

- Body:** Thermoplastic, UL 94V-0 Rated, Black Color
Optical Jack Gate: Thermoplastic, UL 94V-0 Rated,
Contact: Copper Alloy, Gold Plated on Contact Area, Tin Plated on Termination, all over Nickel 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: 2A 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: 0.4 - 4.5 kg
 Optical Jack: 0.4 Min.
Durability: Mini-Din: 500 Mating Cycles
 Optical Jack: 5000 Mating Cycles

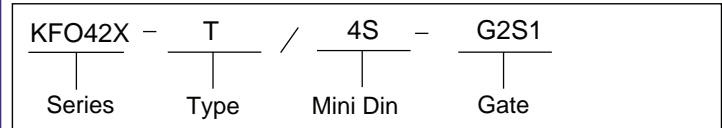
OPTICAL JACK

KFO42X Series

Documentation & Ordering Information

Kycon Part # _____

Part Number Builder



Series

KFO42X - Stacked Optical Jack

Type

- T - Transmitter (Lime Green)
- R - Receiver (Pink)

Mini-Din

4S - 4 Pin Mini-Din

Gate

G2S1 - Split Gate

Contact Kycon for Other Options, Minimum Order May Apply

KFO42X-T/4S-G2S1 Dimensions

Dimensions in mm

