



OPTICAL JACK: KFO42X Series

Stacked Optical Jack RCA over Optical

Product Features

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

Performance Specifications

Materials and Finish

Body

Thermoplastic, UL 94V-0 Rated, Color Black

Optical Jack Gate

Thermoplastic, UL 94V-0 Rated

Shield

Copper Alloy, Nickel Plated

RCA Barrel

Copper Alloy, Nickel Plated

RCA Contact

2S,3N,5: Copper Alloy, Tin Plated

Electrical Characteristics

Contact Resistance

Before Durability Test: 30 milliohms Max.

After Durability Test: 60 milliohms Max.

Insulation Resistance:

100 Megohms Min. at 500V DC

Dielectric Strength: 250V AC For 1 Minute

Operating Temperature: -25°C to +70°C

Mechanical Characteristics

Insertion Force: RCA: 0.3 - 5.0 kg

Optical Jack: 3.5 kg Max.

Extraction Force: RCA: 0.3 - 3.0 kg

Optical Jack: 0.4 kg Min.

Durability: 5000 Mating Cycles

2D Drawing	IGES	STEP	3D PDF
Solder Profile	CofC RoHS Compliant	CofC REACH Compliant	UL Plastic File
Certificate of Origin	Check Stock	Request a Sample	Send Us An Email

Generated Part Number

Part Number Builder

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Series		RCA Jack	PC99 Option	Type Option	Split Gate Option

Series

KFO42X- Stacked Optical Jack

RCA

RCA - RCA Jack

PC99 Color Option

BK - Black (Receiver)

OR - Orange (Transmitter)

Type

T - Transmitter (Lime)

R - Receiver (Pink)

Gate

G2 - Split Gate

Contact Kycon for Other Options, Minimum Order May Apply

KFO42X

Dimensions in mm

