



## 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

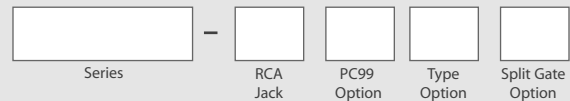
Optical Jack: 0.4 kg Min.

**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



#### 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

