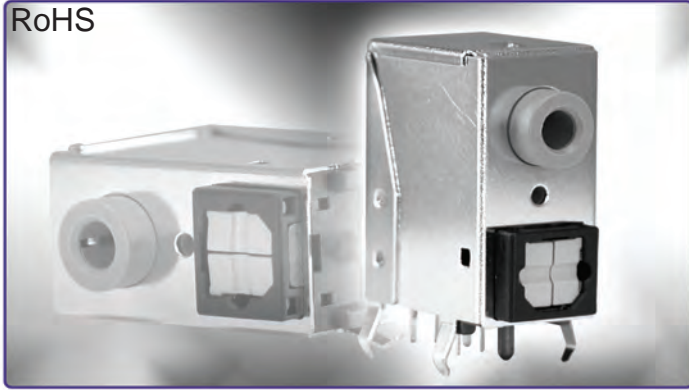


RoHS



## KFO42X Series

*Stacked Optical Jack  
Audio Jack over Optical*

### Features

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

### Performance Specifications

#### Material and Finish

##### Housing

KFO42X : Thermoplastic 30%,UL94V-0 Rated,  
Gate: PA66,Lime Green Color

##### Contact

Phosphor Bronze ,Gold Flash on Contact End  
Pins : Copper Alloy,Tin Plated

**Front Shield** : Copper Alloy,Tin Plated

**Back Shield** : Copper Alloy,Nickel Plated

#### Electrical Characteristics

##### Contact Resistance:

Before Test : 50 mohms Max

After Durability Test :100 mohms Max.

**Insulation Resistance** : More than 100 Megohms at 500V DC

**Dielectric Strength** : 500V AC RMS For 1 Minute

**Operating Temperature** : -25°C to + 70°C

**Voltage Rating** : 16 Volts DC

**Current Rating** : 0.3A

#### Mechanical characteristics

**Insertion Force** : Audio Jack - 0.4 - 3.0 kg  
Optical Jack - 3.5 kg Max

**Extraction Force** : Audio Jack - 0.4 - 3.0 kg  
Optical Jack - 3.5 kg Min

**Durability** : 5000 mating cycles

### Ordering Information

KFO42X	-	35XX	-	T	/	G2
Series		Audio Jack & Color Option		Type		Gate

#### Series

KFO42X - Stacked Optical Audio Jack

#### Audio Jack

35 - 3.5 Audio Jack

#### PC 99 Color Option ( Audio Jack )

BL - Blue

BK - Black

GR - Green

#### Type

T - Transmitter ( Lime Green )

R - Receiver ( Pink )

#### Gate

G2 - Split Gate

### KFO42X-35XX-T/G2 Dimensions

Dimensions in mm

