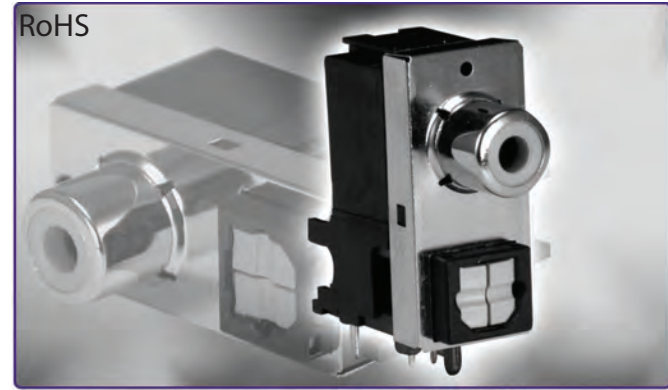




KFO42X Series

Stacked Optical Jack RCA 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

Materials and Finish

Body

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

Shield : Copper Alloy, Tin Plated

RCA Barrel : Copper Alloy, Tin 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 +85°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

OPTICAL JACK

KFO42X Series

Documentation & Ordering Information

Kycon Part

Part Number Builder

KFO42X - RCAXX - T / G2

Series RCA Jack & Color Option Type Split Gate

Series

KFO42X - Stacked Optical Jack

RCA

RCA - RCA Jack

PC 99 Color Option

BLK - Black

OR - Orange

Type

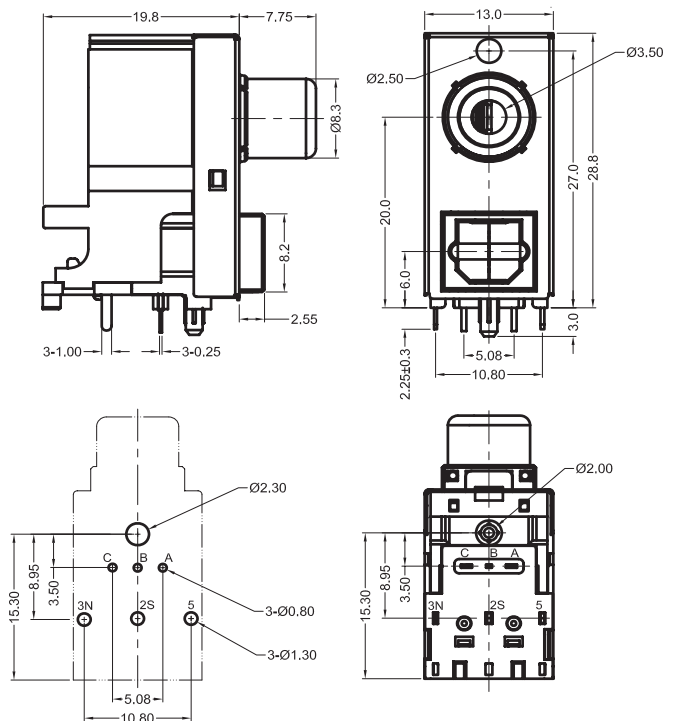
T - Transmitter (Green)

R - Receiver (Pink)

Split Gate

G2 - Split Gate

KFO42X-RCAXX-R/G2 Dimensions Dimensions in mm



Recommended PCB Layout
(Bottom View)