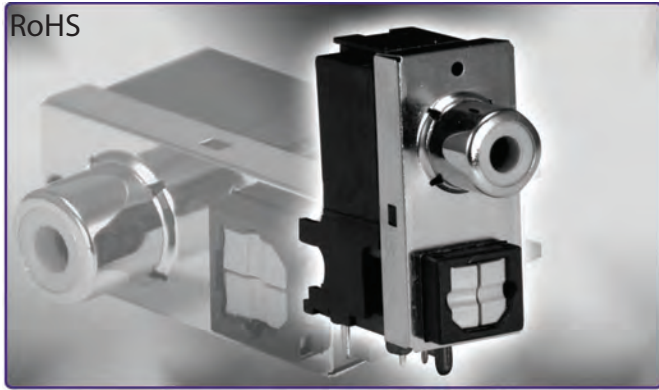


OPTICAL JACK

KFO42X Series



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
- 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

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

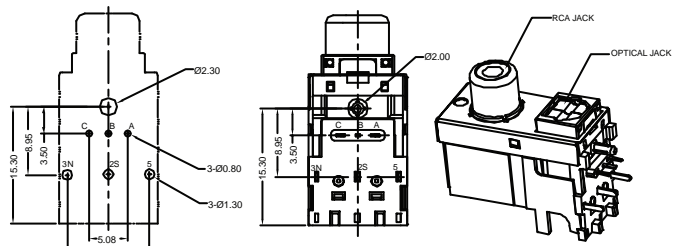
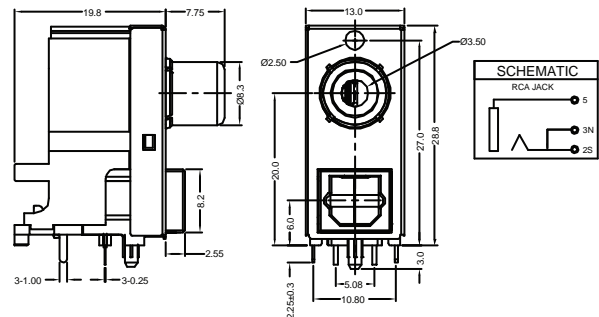
T - Transmitter (Green)
R - Receiver (Pink)

Split Gate

G2 - Split Gate

Contact Kycon for Other Options, Minimum Order May Apply

KFO42X-RCAXX-R/G2 Series Dimensions Dimensions in mm



Recommended PCB Layout (Bottom View)