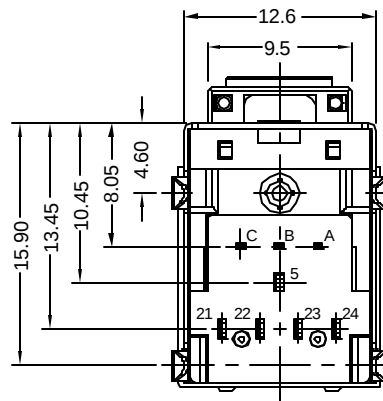
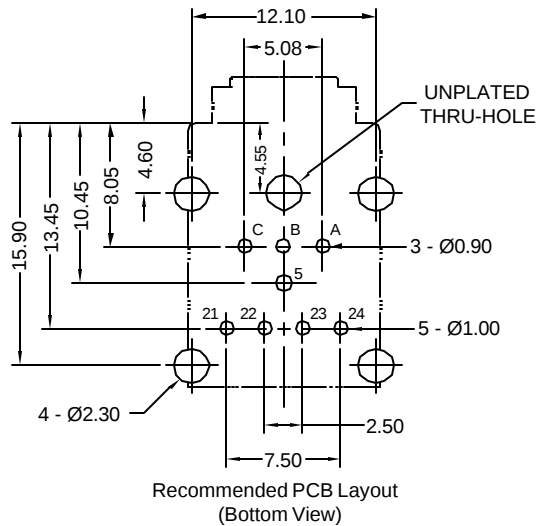
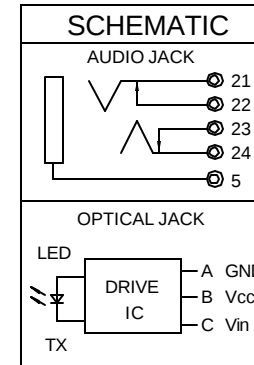
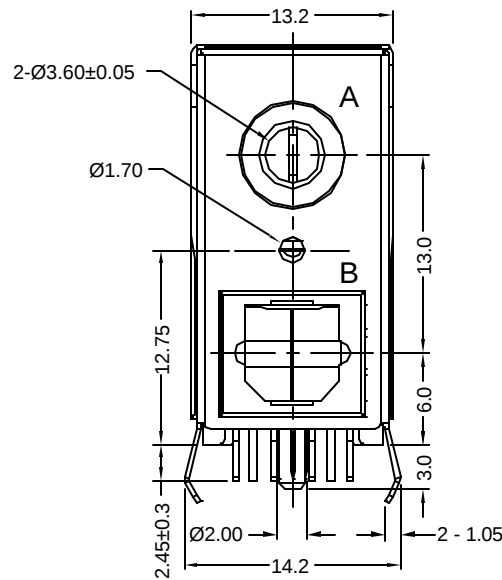
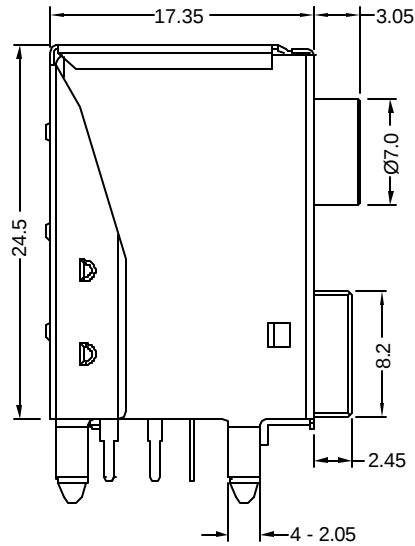




RoHS COMPLIANT
EU Directive 2002/95/EC

Part Number	Audio Jack Color	Optical Gate Color
KFO42X-35BL-T/G2	Blue	Lime Green
KFO42X-35BK-T/G2	Black	Lime Green
KFO42X-35GR-T/G2	Lime Green	Lime Green

Materials and Finish

Housing: Thermoplastic
30% Glass Filled, UL 94V-0 Rated

Gate: PA66, Lime Green color

Contact Material:
Phosphor Bronze, Gold Flash on
Contact End

Pins: Copper Alloy, Tin Plated.

Front Shield: Copper Alloy, Tin Plated

Back Shield: Copper Alloy,
Nickel Plated

Mechanical Characteristics

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

Extraction Force:
Audio Jack: 0.4kg - 3.0kg
Optical Jack: 0.4Kg Min.

Durability: 5000 mating cycles

Electrical Characteristics

(Audio Jack)

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 Temp: -25°C to +70°C

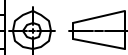
Voltage Rating: 16 Volts DC

Current Rating: 0.3A



Tolerances
X.X ± 0.25
X.XX ± 0.15
Unless Stated Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	6/4/07	New Drawing	A. Frederick	H. MA	A. Frederick	05/17/07
A1	07/17/07	Release drawing	R. Aguirre	N/A		



UNITS
mm

KFO42X-35xx-T/G2

Stacked Optical Audio Connector, RoHS Compliant

Audio Jack over Transmitter, Split Gate

