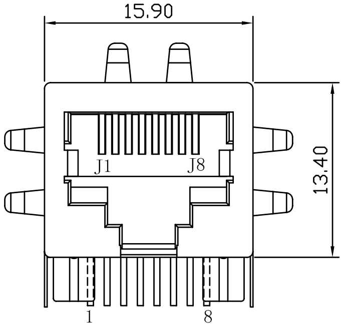
Pro Components

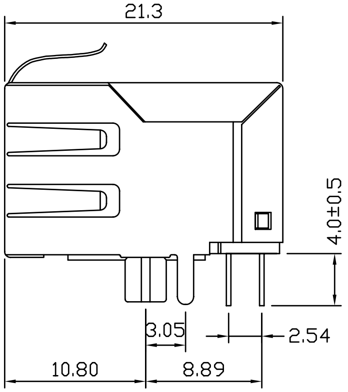
10/100 Base-TX RJ45

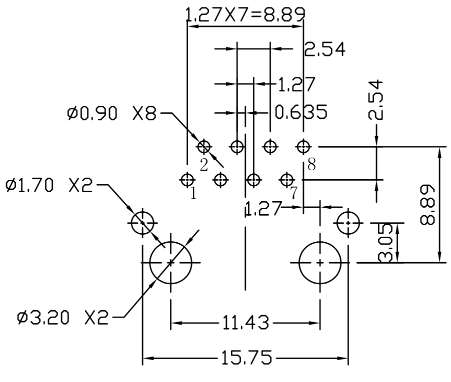
1x1 Single Port Tab-Down 8 Pin Integrated Magnetics Connector

PCJ00-0064NL

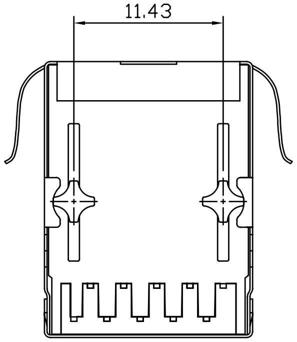
Lead Free
Pb
RoHS Compliant

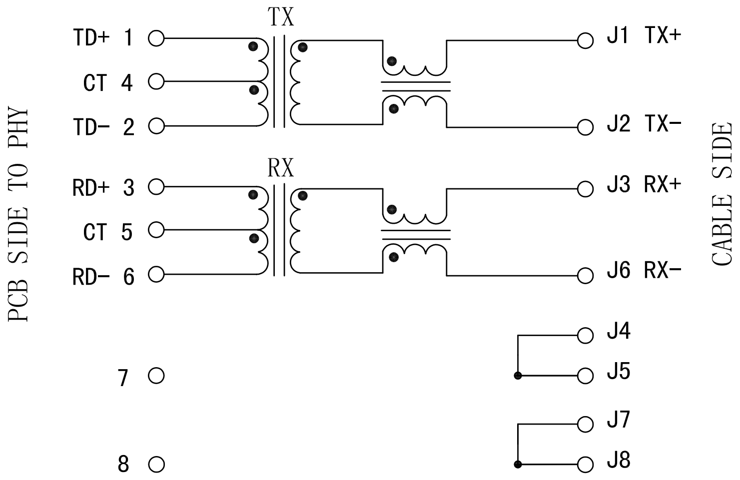






SUGGESTED PCB LAYOUT(TOP VIEW)





Specifications

Designed to support applications such as: SOHO (ADSL Modems), LAN-on-Mohterboard (LOM), Hub and Switches. Meets IEEE 802.3 specification.

Materials:
Housing: Thermoplastic UL94V-0
Contact/Shield: Copper Alloy
Shield Plating: Nickel
Contact Plating: Gold 6μ” min. in contact area
Wave solder tip temperature: 265°C Max for 5 Sec Max

Electrical Specifications @25°C
Operating Temperature Range: 0°C to 70°C
Turn Ratio (±2%):
TX = 1CT:1CT, RX = 1CT:1CT
Inductance OCL:
350μH Min @ 100KHz, 0.1V, 8mA
Insertion Loss:
-1.0dB Max @ 1.0-65MHz
Return Loss: (@100Ω ± 15Ω)
-18dB Min @ 1.0-10MHz
-14dB Min @ 10-30MHz
-12dB Min @ 30-60MHz
-10dB Min @ 60-80MHz
Cross Talk:
-35dB Min @ 1.0-30MHz
-35dB Min @ 30-60MHz
-30dB Min @ 60-100MHz
Common Mode Rejection:
-20dB Min @ 1.0-50MHz
-15dB Min @ 50-150MHz
Hipot Test: 1500Vrms Min

General Tolerance	
.X ± 0.30	Angles: ±1°
.XX ± 0.20	
.XXX ± 0.05	
Units : mm	

Rev. No.: KW10