

**SINGLE RJ45 CONNECTOR MODULE WITH INTEGRATED 10/100 BASE-TX MAGNETICS & 2LEDS**

P/N: LU1S000-43

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**Feature**

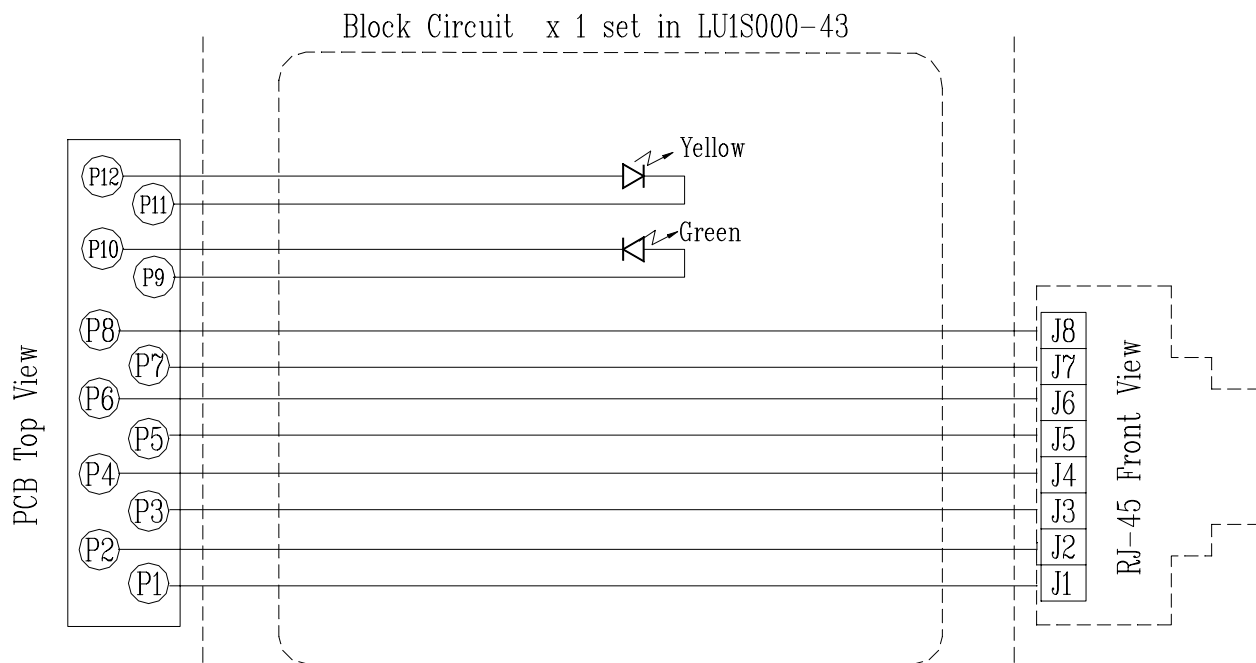


- Complies with requirement of IEEE802.3u standards.
- RJ 45 connector with 10/100 BASE-TX magnetic.
- Includes integrated 2 LEDS(option).
- LED signal leads are isolated from the Ethernet signal leads to reduce EMI and cross talk.
- Operating temperature range: 0°C to +70°C.
- Storage temperature range: -25°C to +85°C.
- Recommended panel

Part Number	Standard LED	Forward*V(Max)	(TYP)
3	YELLOW	2.6V	2.1V
4	GREEN	2.6V	2.2V

\*With a forward current 20mA

**Schematic**

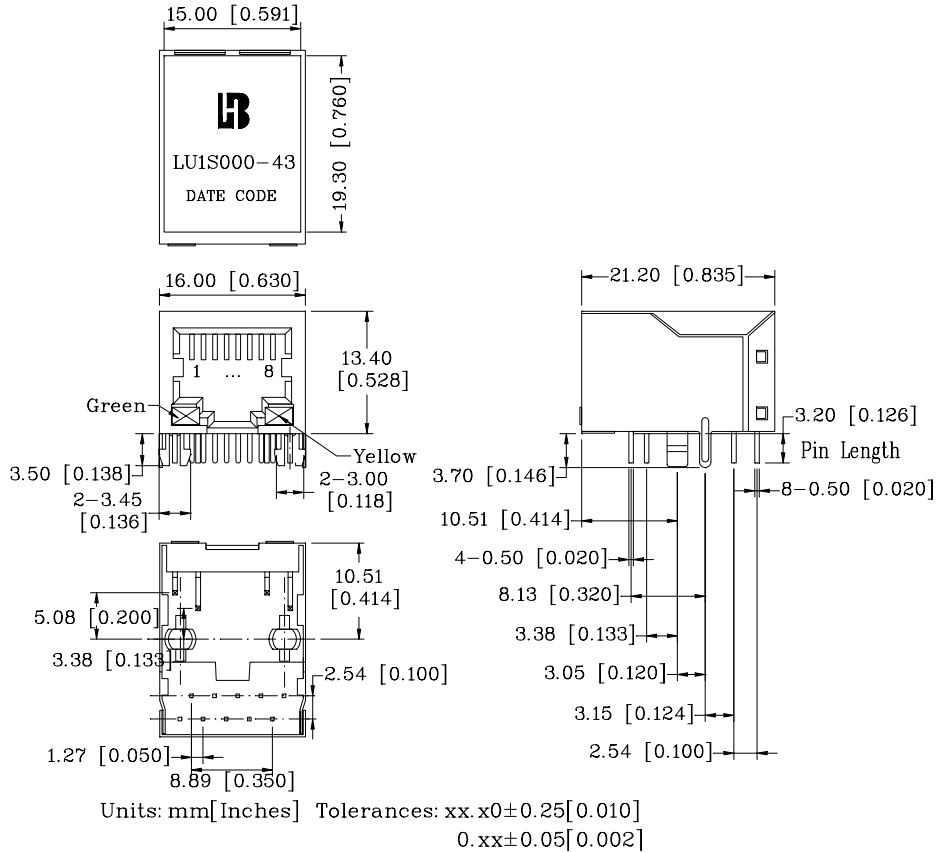


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**Mechanical**



- |                     |   |  |
|---------------------|---|--|
| 1. Plastic Material | : | PBT 15% Glass Filled(UL 94V-0), Black Housing.   |
| 2. Metal Shield     | : | Brass C2680-H, 20u Nickel Plated, t=0.25mm.      |
| 3. Spring Wire      | : | 0.45mm Dia. Phosphor bronze with 6u gold plated. |
| 4. Solder Pin       | : | 0.4x0.4mm, Phosphor bronze with solder Plated.   |
| 5. Durability       | : | 300 Mating cycles Min.                           |

**PCB Layout Mounting Hole(Top View)**

