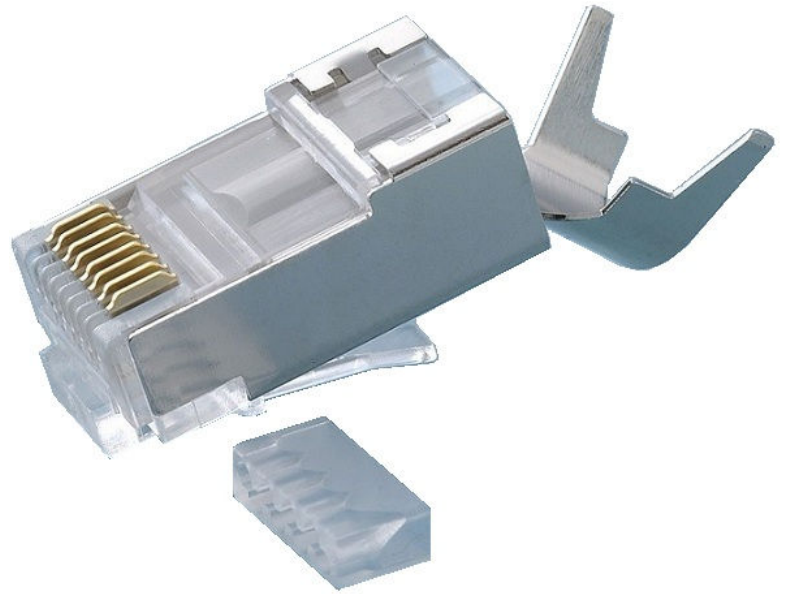


Cat6A / Cat7 Connector



Overview

Category 7 and Category 6a are the newest cable standards for 10 Gigabit Ethernet connections. They are designed in such a way that 10G connections shouldn't be affected by crosstalk and other external impacts. So they need to be terminated with a special cat7 RJ45 8P8C connector which is suitable for wires as thick as 23AWG.

Specifications

Electrical

- UL application : 250vac, 2a (max)
- Dielectrical with standing voltage : 500v AC
- Insulation resistance : 35m ohm (max), after environmental testing

Mechanical

- Cable- to-plug tensile strength : 20lbs (89n) (min.)
- Durability : 750 matching cycles
- Operating Temperature range : -40~60 degrees celcius

Material and Finish

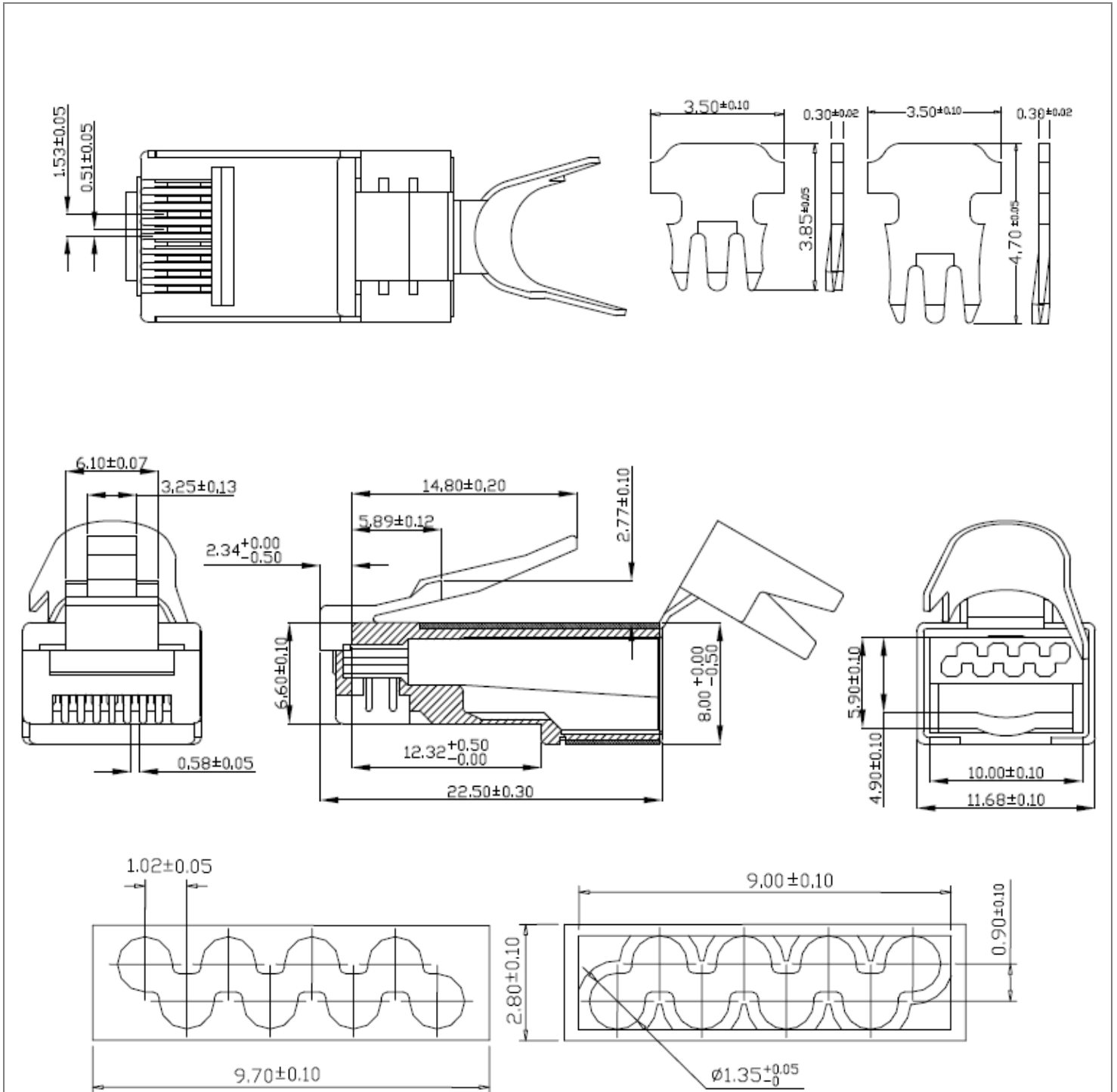
- Housing : polycarbonate (pc) UL94-v-0 or UL 94-v-2
- Contact blade : phosphor broze
- Gold plating : 80u over nickel, 3-50u gold plating

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