



HIPO
Systems GmbH

03/2006

DL8T Plug and DL8Z Receptacle Data



This power connector designed for high current power distribution in pluggable power supply applications of up to 2000W or more.

Features:

- #Current 75A**
- #Termination type crimp**
- #Low insertion force**
- #Guide pin**

Applications:

- #Low noise supplies**
- #Switch-mode power supplies**
- #Systems requiring mounting**

■ Electrical performance

- ▲ Contact Resistance: 8# ≤ 0.75mΩ;
- ▲ Current Rating: 8#: 75A;
- ▲ Voltage Rating: 8# : 600VA
- ▲ Insulation Resistance ≥ 500MΩ (Normal temperature); ≥ 20MΩ (Damp heat)

■ Mechanical Characteristics

- ▲ Mechanical endurance : 500 cycles

■ Material and surface treatment

Contact: copper alloy

Surface: gold plating for 8# contact with 2μ m nickel base, thickness of gold

plating: 0.3 ~ 0.6μ m ; or silver plating for 8# contact thickness of silver

plating: 5 ~ 8μ

Material Housing : glass fiber strengthened flameless PET (T102G30)

Color: black

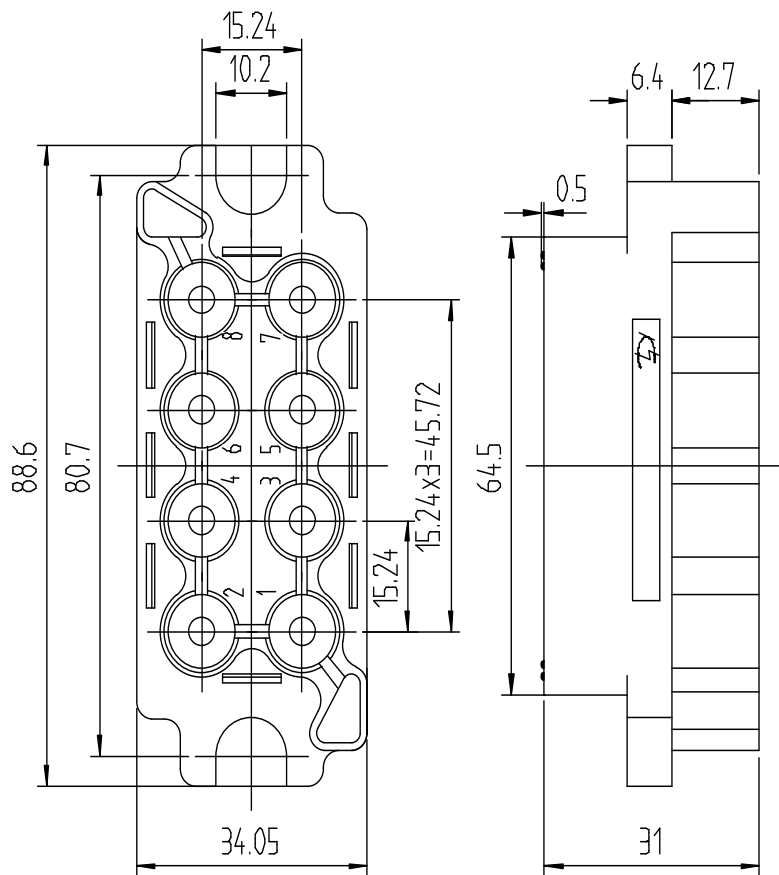
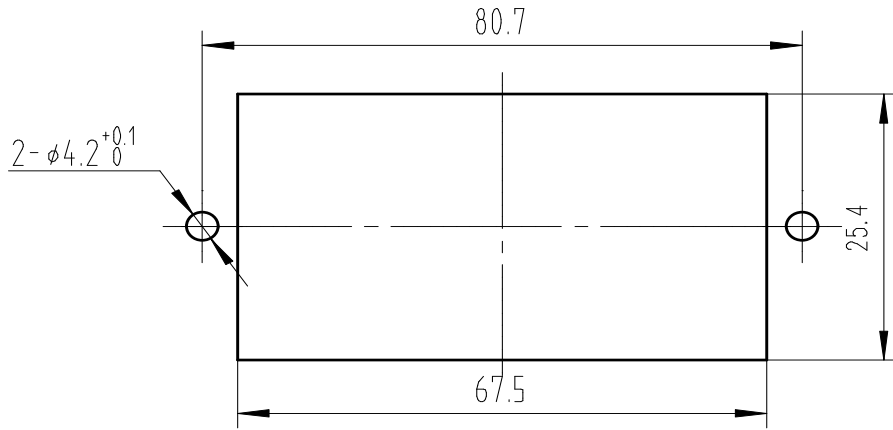
■ Operating Environment

- ▲ Temperature Range : -55°C ~ 125°C
- ▲ Humidity: 98% at 40°C
- ▲ Vibration: 98m/s² / 10Hz ~ 2000Hz, acceleration

▲ Terminal of contacts

8# Crimped wire

Dimension DL8T Plug



DL8Z Receptacle Data

