

Product Overview

Introduces a new generation of Multi Trak connector ,the 0.60mm pitch connector is designed in a thin package and Supports data transfer of up to 56G PAM4/PCI e Gen5(with a future goal of 64G PAM4/PCI e Gen6), allowing for longer signal paths compared to traditional PCB routing methods while maintaining SI performance. Multi Trak not only supports signal transmission with SI Performance, but also features a new system design that is cost- sffective. highly modular ,easy to expand and easy to service.

Product Application

- High-performance computer
- Servers, switch
- Data centers, network equipment

Technical information

- Smaller form factor space, suitable for high-density small space applications.
- The transmission speed is up to PAM4 56Gbps, and the transmission distance exceeds 1 meter.
- Adopt DIP type power supply solution to support high current transmission.
- The same connector can support cable and card edge applications.
- A variety of plugs to support different routing requirements.
- 85Ω impedance and various pin model options available, conforming to PCIe/NVMe/SAS/SFP(+)/QSFP specifications.

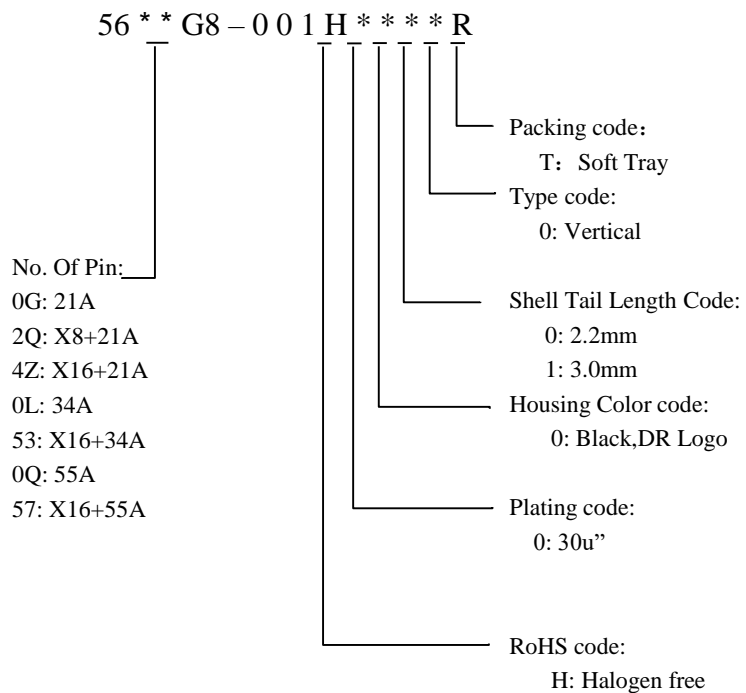


Multi-Trak REC Conn



Multi -Trak Cable

PART NUMBER DESCRIPTION (REC)



Mechanical properties

- Insertion force: maximum 55N
- Unmating force: maximum 55N
- Durability: 200 times

Electrical properties

- Low contact resistance: 30mΩ
- Insulation resistance: 10MΩ min
- Dielectric withstand voltage: 300VDC
- Rated current: 0.5A/pin

Environmental properties

- Flammability: UL 94 V-0
- Complies with RoHS Directive 2011/65/EU
- Operating temperature: -20°C~+ 85°C