



Super-Flat RJ45 Compression Jack

Series 85500 Super-Flat, Solderless

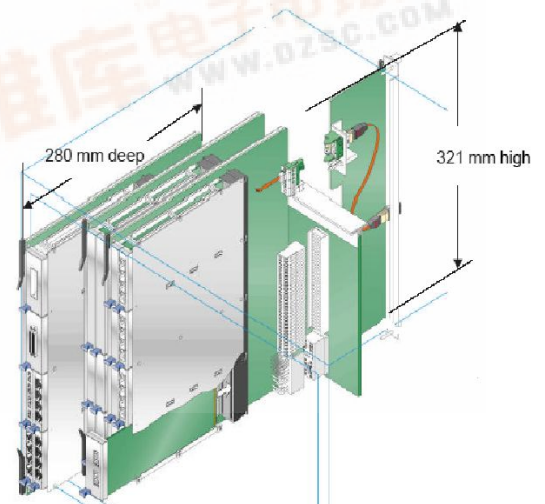
The Super-Flat RJ45 Compression Jack provides a very low profile RJ 45 solution with 7,6 mm mounting height above PCB. The solderless, straddle mount jack can be front mounted and ganged in 4-port modules to fit Advanced Mezzanine Card requirements. The solderless straddle mounting does not require any specific solder process or separate press-fit operation and it simplifies the recycling process



Features	Benefits
•Very low profile (7,6 mm above PCB)	•Suitable for flat applications
•Straddle mount	•No pin holes necessary
•Solderless	•To be mounted after soldering •Eases recycling
•Front mountable	•To be mounted as last component
•Shielded	•EMI/RFI protection
•Stackable in 4 port metal frame	•Multiple ports
•Light pipes optional	•Signal detection

Markets and Applications

- Advanced Mezzanine Cards (AMC) for Advanced Telecommunications Computing Architecture (ATCA) and μ TCA
- Telecommunication, Computing





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Reference Information

Packaging: Tray
Mates With: IEC-60603-7 plugs
Designed In: Millimeters

Electrical

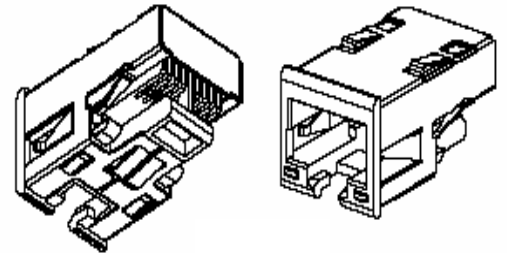
Voltage: 56.5V DC
Current: 1.5A
Contact Resistance: 25 milliohms
Dielectric Withstanding Voltage: 1000V AC
Insulation Resistance: 500 Megohms

Mechanical

Contact Insertion Force: 22N
Contact Withdrawal Force: 22N
Durability: 750 cycles

Physical

Housing: Polyamide GF UL94 V-0
Contact Area: 50 microinches Gold
Solder Tail Area: Pure Tin
Underplating: Nickle
PCB Thickness: 1.6mm
Operating Temperature: -55°C to +105°C



Order No.	Description
85500-0005	Single Jack
85500-0006	Jack Assembly Kit with Metal Frame



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