

CAT6aJacks



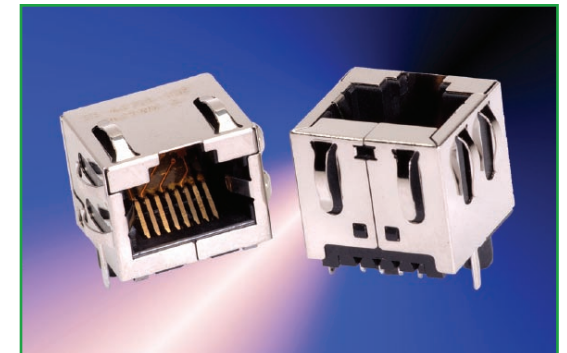
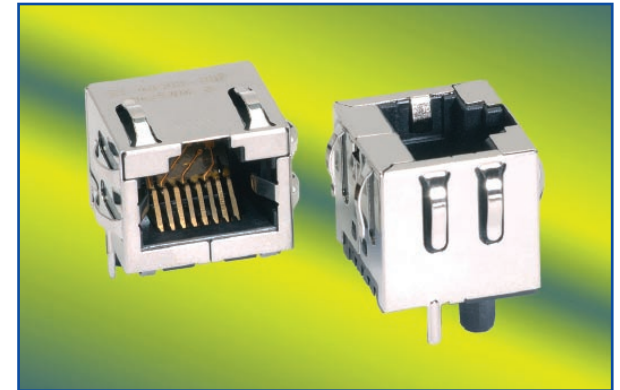
COMPONENTS FOR A
CONNECTED
PLANET®

Stewart Connector

SS-60300 Series CAT6a PCB Mounted Jacks

Features / Benefits

- Easily compensated to CAT6a performance levels through an integrated flexible circuit board design (patent pending)
- Flexible PCB design helps cancel Near End Cross Talk (NEXT) at the plug/jack interface
- Design utilizes unique features to meet technical requirements of CAT6a
- 180 degree vertical mount and 90 degree right angle mount shielded and unshielded versions available
- Minimal secondary compensation required due to the jack's construction
- Selectively plated contacts with 50 micro-inches of gold
- Designed for use in 10 Gigabit Ethernet applications
- UL 94-V0 plastic components
- Wave solder compatible
- RoHS compliant



Part Number	Orientation	Shielded
SS-60300-004	Right angle	Yes

Bel Stewart's SS-60300 Series CAT6a jacks are designed for use in CAT6a patch panels and wall outlets in premise wiring systems. Engineered to meet the 500 MHz requirements of the CAT6a specifications, the SS-60300 jacks provide a higher level of compensation to reach defined performance levels.

Bel Stewart's patent-pending design utilizes a flexible circuit board placed in close proximity to the modular plug/jack interface which provides capacitive compensation. Having the compensation close to the plug/jack interface helps to cancel the NEXT introduced to the jack from the modular plug. This makes further compensation to CAT6a on the main PCB much easier. The Bel Stewart design incorporating the flex circuit board still enables our jacks to maintain standard modular connector contact designs insuring mechanical reliability.

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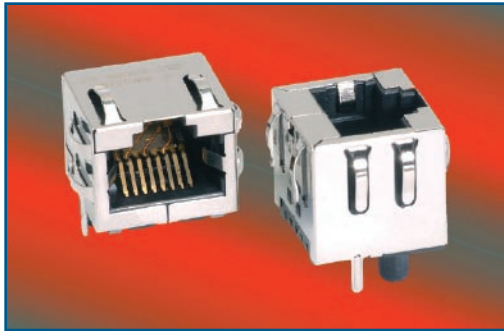


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CAT6a Jack Application Performance Data



Shielded and unshielded versions available for both right angle and vertical mount designs

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