

# 60300 Series Jacks

## 2.5G, 5G and 10G Solutions

Stewart Connector's 60300 Series Jacks are designed for use in 2.5G, 5G and 10GBase-T Ethernet applications. Stewart Connector has engineered this series of connectors to accommodate all Ethernet applications in one simplistic design. Stewart Connector is the only manufacturer to provide reliable 10GBase-T Ethernet in a passive connector application.

- The 60300 series is one of the only RJ45 connectors on the market today which has the electrical performance characteristics required to deliver 10GBase-T Ethernet signals.
- The 60300 series gives equipment designers a connector which is capable of performing in 2.5G and 5GBase-T devices which are designed to operate over existing structured cabling systems.

### Unique Benefits of the 60300 Series

- The unique contact design of the connector addresses cross talk and return loss issues which are common when using RJ45 connectors in high frequency applications
- The compact design containing the smallest footprint available in the market provides a viable robust solution when PCB space is at a premium
- 45 degree, 90 degree and 180 degree shielded and unshielded versions available
- Compatible for use in applications where POE is necessary - accommodating 15W through 100W power requirements
- Non-LED options are IR reflow compatible
- Selectively plated contacts with 50 micro-inches of gold
- RoHS compliant

### Part Numbers

Part Number	Shield Type	Orientation	LEDs
SS-60300-011	Panel Grounds	Horizontal (90)	None
SS-60300-059	Panel Grounds	45 Degree Angled	None
SS-60300-046	Panel Grounds	Vertical (180)	None
SS-60300-079	No Panel Grounds	Horizontal (90)	None
SS-60300-080	No Panel Grounds	Vertical (180)	None
SS-60300-081	No Panel Grounds	45 Degree Angled	None
SS-60300-101	Panel Grounds	Horizontal (90)	Bi-Color G/Y
SS-60300-102	Panel Grounds	Vertical (180)	Bi-Color G/Y
SS-60300-103	No Panel Grounds	Horizontal (90)	Bi-Color G/Y
SS-60300-104	No Panel Grounds	Vertical (180)	Bi-Color G/Y



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