

# 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 operated 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**

Shield Type	Orientation	LEDs
Panel Grounds	Horizontal (90)	None
Panel Grounds	45 Degree Angled	None
Panel Grounds	Vertical (180)	None
No Panel Grounds	Horizontal (90)	None
No Panel Grounds	Vertical (180)	None
No Panel Grounds	45 Degree Angled	None
Panel Grounds	Horizontal (90)	Bi-Color G/Y
Panel Grounds	Vertical (180)	Bi-Color G/Y
No Panel Grounds	Horizontal (90)	Bi-Color G/Y
No Panel Grounds	Vertical (180)	Bi-Color G/Y
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#### **Stewart Connector**

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