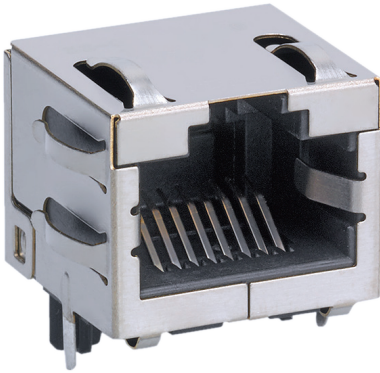# 60300 Series Jacks
2.5G, 5G and 10G Solutions

Stewart Connector's SS-60300 Series Jacks are designed for use in 2.5G, 5G, and 10G Base-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 10G Base-T Ethernet in a passive connector application.

- The SS-60300 series is one of the only RJ45 connectors on the market today which has the electrical performance characteristics required to deliver 10G Base-T Ethernet signals.

- The SS-60300 series gives equipment designers a connector which is capable of performing in 2.5G and 5G Base-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 15 W through 100 W power requirements

- IR reflow compatible and RoHS compliant

- Selectively plated contacts with 50 micro-inches of gold

Part Number	Shield Type	Orientation	Discrete Magnetics				
			2.5G Part Number	5G Part Number	10G Part Number		10G Part Number
SS-60300-011	Panel Grounds	Horizontal (90)					
SS-60300-059	Panel Grounds	45 Degree Angled					
SS-60300-046	Panel Grounds	Vertical (180)	S558-5500-JD	S558-5500-JV	S558-10GB-15	or	S558-10GB-22
SS-60300-079	No Panel Grounds	Horizontal (90)					
SS-60300-080	No Panel Grounds	Vertical (180)					
SS-60300-081	No Panel Grounds	45 Degree Angled					

RoHS Compliant 2002/95/EC