

T.S.G.

ωmega

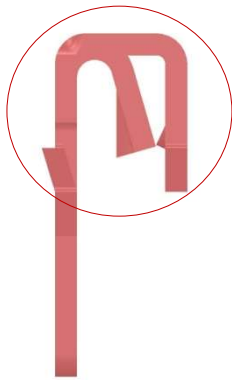
PATENTED

IDC THIN WIRE TERMINAL CONNECTOR

TSG-ωmega & Lead Wire or TAB Poke-In system

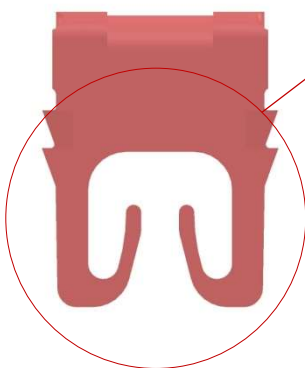
IDC magnet wire connector + solid/stranded lead wire
(or tab terminal poke-in connection) without soldering

- Magnet wire diameter $\varnothing \geq 0.030$ mm / # 48 AWG
- Stranded lead wire $0.3 \div 0.9$ mm² / # 18 ÷ 22 AWG
(or Custom tab 2.8 terminal thickness $0.5 \div 0.8$ mm ($0.020 \div 0.032$ in))



Features of Lead Wire Poke-In

- Safe and reliable connection
- Solid or stranded lead wire, or, custom tab terminal
- Mechanical connection without welding
- Possibility of resining/overmoulding



Features of TSG-ωmega IDC Connector

- Terminates all copper magnet wire film insulations
- The terminal unique design allows the application with a wide range of magnet wire sizes with a single terminal
- Eliminates need to pre-stripping conductors
- Eliminates need to skeining thin MW
- Available in strip form for fully automatic insertions
- High-speed automatic coil winding machine terminations provide uniform reliability at the lowest applied cost
- Clean metal-to-metal interface produces a stable, gas-tight electrical terminations, free of oxides and other contaminants

Application and Specifications

- TSG-ωmega terminal thickness = 0.5 mm (0.020 in)
- Contained dimensions of the terminal and pocket
- Magnet wire $\varnothing 0.030 \div 0.51$ mm / # 48 ÷ 24 AWG
- TAB 2.8 mm Terminal thickness $0.5 \div 0.8$ mm ($0.020 \div 0.032$ in)
- Lead wire (solid or stranded) $0.3 \div 0.9$ mm² / # 18 ÷ 22 AWG
- Possible customization according to the customer's application

Cross the line

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