

T.S.G.

omega

PATENTED

IDC THIN WIRE TERMINAL CONNECTOR

TSG-omega & Pressfit

IDC magnet wire connector $\varnothing \geq 0.030$ mm / # 48 AWG

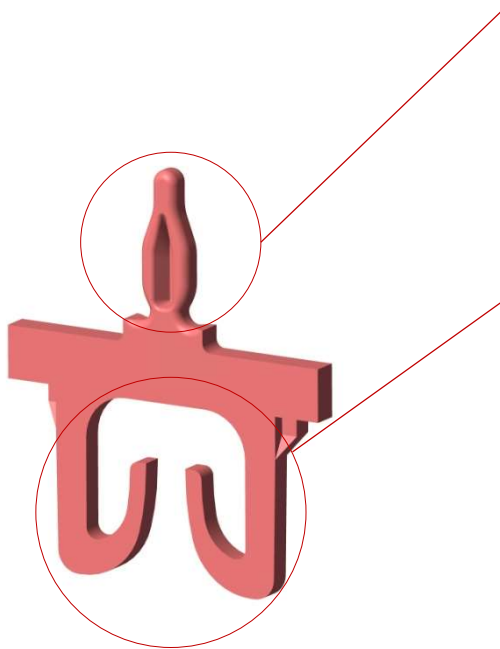
PCB Plated thru-hole for pressfit signal contact nominal diameter \varnothing 1 mm (0.40 in)

Features of Pressfit

- Mechanical insert connection without welding
- PCB hole dimension standards IEC 603-2
- Assembling force in according to IEC 60352-5
- Easy and automatable PCB assembly

Features of TSG-omega 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 process for 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-omega terminal thickness 0.5 mm (0.020 in)
- Contained dimensions of the terminal and pocket
- Magnet wire \varnothing **0.030** ÷ **0.51** mm / # **48** ÷ **24** AWG
- Possible customization according to the customer's application

Cross the line

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