

Technical Characteristics

SEK 18 series in accordance with IEC 60 603-13 and MIL-C 83 503
Number of contacts 6, 10, 14, 16, 20, 24, 26, 28, 34, 40, 50, 60, 64
UL/CSA-approved

Pitch

Male header 2,54 mm

Insulation displacement contacts on the flat cable connector 1,27 mm

Working current 1 A

Test voltage Ur.m.s. 1 kV

Contact resistance $\leq 20 \text{ m}\Omega$

Insulation resistance $\geq 1 \text{ G}\Omega$

Temperature range
-55 °C...+125°C
-55 °C...+240°C (high temperature version)
-55 °C...+105°C (press-in version)

The maximum temperature includes heating of contacts and ambient temperature

Terminations

Female connector Insulation displacement connection
Wire AWG 28/7

Male header Wrap posts 0,6 x 0,6 mm
Diagonal 0,79 - 0,86 mm

Solder pins for P.B.C. hole \varnothing 0,9 mm, DIN 52141

Compliant press-in termination for \varnothing 0,94 - 1,06 mm

Transition connectors Insulation displacement connection
Wire AWG 28/7

Solder pins 0,45 x 0,35 mm for P.B.C. hole \varnothing 0,8 mm

Mouldings Thermoplastic resin (PBTP) UL 94- O
PCT UL 94-V O (high temperature version)

Contact surface

Female connector and male header Contact zone: gold-plated according to performance level

Termination zone: tinned

Transition connector tinned

Termination zone: tinned

Different contact surfaces on request