

### Technical Features

#### Technical Data

**Centerline:**

5.0 mm

**Housing Material:**

Polyamide, PA 6.6 and PA 6

**Standard Colour:**

Natural

**Current Voltage:**

250 V ≈

**Air and Creepage Distance:**

>3.2 mm

**Flammability Rating:**

UL 94 V-2

**Approvals:**

VDE, UL

#### Direct Mating Connectors

**No. of Positions:**

2- to 8-positions

**Contact Material:**

Brass

**Contact Finish:**

Tin plated

**Wire Size Range:**

0.35–1.0 mm<sup>2</sup>

**Temperature Range:**

–40 °C up to +105 °C

**Current Rating:**

6 A max.

**Insulation Diameter:**

2.8 mm max.

**Insulation Resistance:**

>10 MΩ

**Mating Force:**

≤7 N per contact \*

**Unmating Force:**

≥1.5 N \*

**Product Specification:**

108-18653

**Application Specification:**

114-18289

\*) measured with polished steel  
plate 1.5 mm thickness

#### Indirect Mating Connectors

**No. of Positions:**

1- to 8-positions

**Contact Material:**

Brass / CuNi2Si

**Contact Finish:**

Tin plated / silver plated

**Wire Size Range:**

0.35–1.0 mm<sup>2</sup> / 1.0–1.5 mm<sup>2</sup>

**Temperature Range:**

–40 °C up to +130 °C

**Current Rating:**

10 A, up to 4 contacts 16 A

**Insulation Diameter:**

3.0 mm max.

**Insulation Resistance:**

>10 MΩ

**Mating Force:**

≤6.5 N per contact \*\*

**Unmating Force:**

≥1.5 N \*\*

**Product Specification:**

108-18652

**Application Specification:**

114-18288, 114-18382

\*\*) measured with polished steel  
tab 6.3 x 0.8 mm