



All dimensions are in mm; tolerances according to ISO 2768 m-H  
 Y = Part number has to be accomplished by codification

**Interface**

According to ISO 20860-1; DIN 72594-1

**Documents**

Assembly instruction MA\_59V111

**Material and plating**

**Connector parts**

	<b>Material</b>	<b>Colour</b>
Housing	PBT-I-GF30	
Sealing ring	Silicone	green
Lock ring	Beryllium Copper	

**Mechanical data**

Mating cycles	max. 5
Retention force latch	≥ 110 N
Coding efficiency	≥ 40 N

**Environmental data**

Temperature range	-40°C to +105°C
Thermal shock	DIN 72594-2 clause 8.2
Temperature and humidity	DIN 72594-2 clause 8.3
Vibration and mechanical shock	DIN 72594-2 clause 8.1
Dry heat	DIN 72594-2 clause 8.4
RoHS	compliant

**Application**

Applicable for connector:	59K16B-1xx ** 59K13O-1xx **
Required additional piece parts:	59K14B-1XX/50 Cable Seal 59Z163-000/51 Sealing Cap

\*\* -xx for all available cable variations up to 25 mm connector length, except cable variation 09 (c)

**Packing**

Standard***	250 pcs in box, 1000 pcs in reusable container (b)
Weight	2.1 g/pce

\*\*\*Cable Seal and Sealing Cap must be ordered separately