



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

	Material	Colour
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