



All dimensions are in mm;
 Y = Part number has to be accomplished by codification

Interface

According to ISO 20860-1; DIN 72594-1



Material and plating

Connector parts

Housing
 Secondary lock

Material

PBT-GF20
 PBT-GF10



Mechanical data

Mating cycles	≥ 25
Retention force latch	≥ 110 N
Retention force primary lock	≥ 80 N
Retention force secondary lock	≥ 60 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:

- 59S10E-1xx **
- 59S10L-1xx **
- 59S10O-1xx **
- 59S16A-1xx **

** -xx for all available cable variations

Packing

Standard	2000 pcs in box
	2000 pcs in returnable box
Weight	1.07 g/pce

