



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

Interface

According to ISO 20860-1; DIN 72594-1

g00

Material and plating

Connector parts

Housing
 Secondary lock

Material

PBT-GF20
 PBT-GF10

g00

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 |

