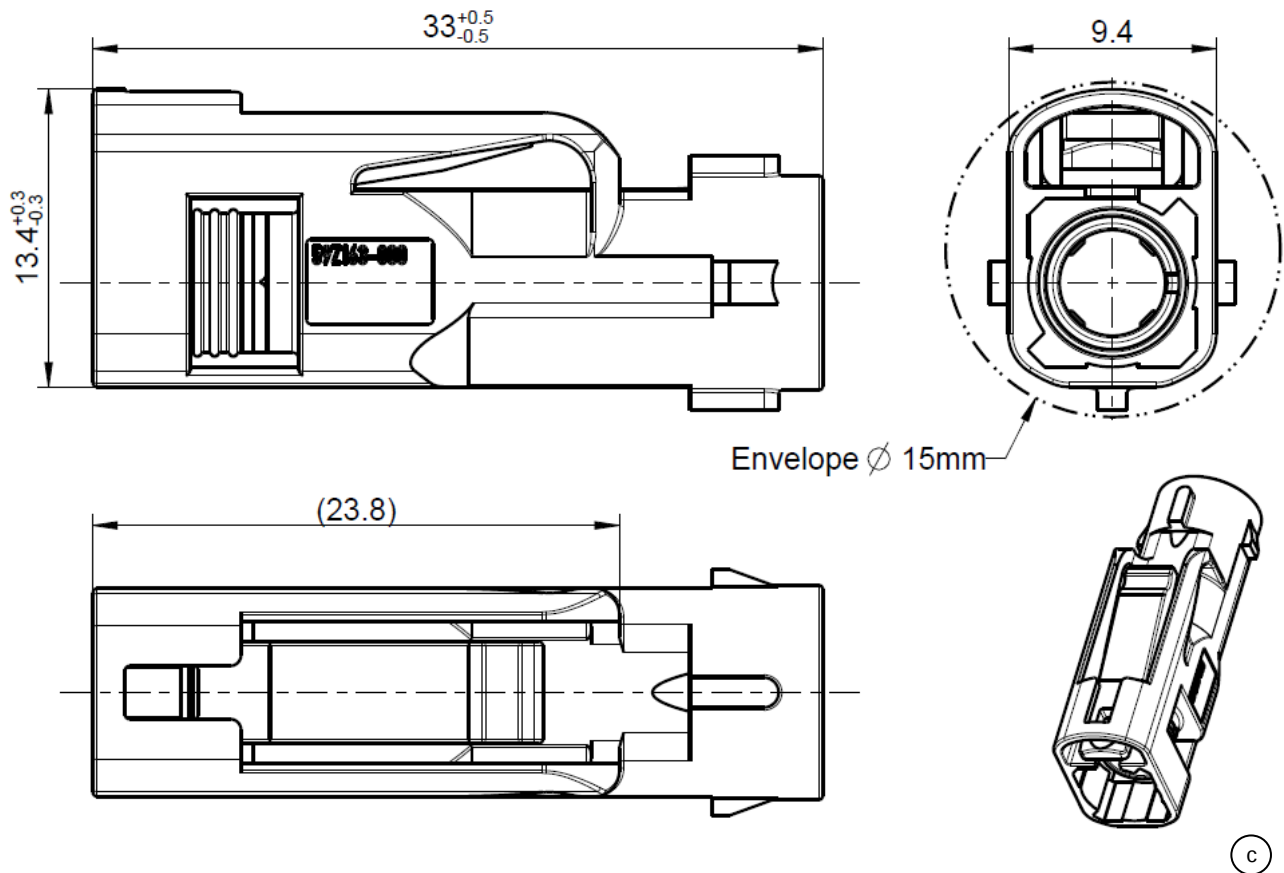




All dimensions are in mm; tolerances according to ISO 2768 m-H
Y = Part number has to be accomplished by codification

Interface

According to

ISO 20860-1; DIN 72594-1

Documents

Assembly instruction

MA_59V111

Material and plating

Connector parts

Housing
Sealing ring
Lock ring

Material

PBT-GF30
Silicone
Beryllium Copper

Colour

green

Mechanical data

Mating cycles	max. 5 ^(e)
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, except cable variation 09**

Packing

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

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

Technical Data Sheet

Rosenberger

FAKRA-HF

PLASTIC HOUSING

59Z163-000-Y

Coding

Part Number has to be accomplished by codification

Coding	Colour	RAL	Part-Number-RT	
	A	black	sim. 9005	59Z163-000-A
	B	white	sim. 9001	59Z163-000-B
	C	blue	sim. 5005	59Z163-000-C
	D	bordeauxviolet	sim. 4004	59Z163-000-D
	E	green	sim. 6002	59Z163-000-E
	F	brown	sim. 8011	59Z163-000-F
	G	grey	sim. 7031	59Z163-000-G
	H	violet	sim. 4003	59Z163-000-H
	I	beige	sim. 1001	59Z163-000-I
	K	curry	sim. 1027	59Z163-000-K
	L	carmine red	sim. 3002	59Z163-000-L
	M	pastel orange	sim. 2003	59Z163-000-M
	N	pastel green	sim. 6019	59Z163-000-N
	Z	waterblue	sim. 5021	59Z163-000-Z