

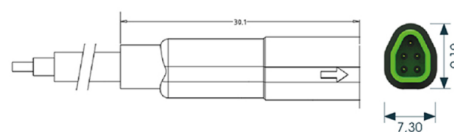
# Product data sheet

## Higo - Signal - Mini F

### Mini F female cable connector

Z509FM P 00 A3 1000

<https://www.higoconnector.com/en/e-bike-connector/z509fmp00a31000>



## Specifications

### General Characteristics

<b>Number of contacts</b>	5
<b>Connector shape</b>	Plug
<b>Gender</b>	Female
<b>Color</b>	Green
<b>Upper temperature</b>	80 °C
<b>Lower temperature</b>	-25 °C
<b>Locking</b>	Push-on (no locking)
<b>IP Protection</b>	IP66/IP67
<b>Mating cycles</b>	200 Mating times
<b>Connector diameter</b>	see drawing mm
<b>Fitting length</b>	54 mm
<b>Cable Length</b>	1000 mm
<b>Cable diameter</b>	3.7 mm
<b>Wire section</b>	0.14 mm <sup>2</sup>

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#### Electrical Parameters

<b>Rated current</b>	2 A
<b>Rated voltage</b>	48 V AC / 60 V DC
<b>Max. insulation resistance</b>	$\geq 20 \text{ M}\Omega$
<b>Max. contact resistance</b>	$\leq 10 \text{ M}\Omega$

#### Material

<b>Material jacket</b>	PVC
<b>Insulation wire</b>	PVC
<b>Material of contact</b>	/