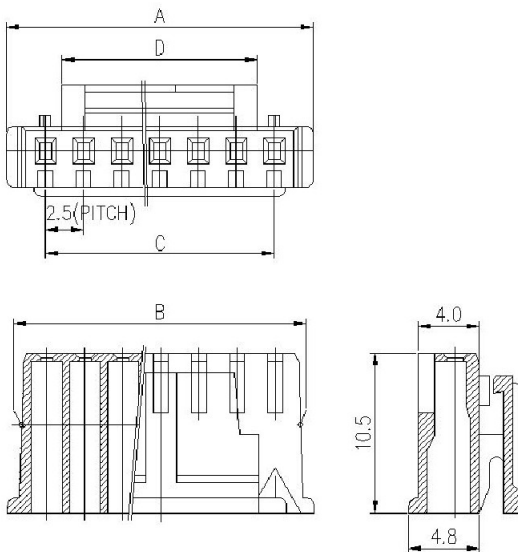


### PRODUCT SPECIFICATION

<b>Dimension</b>	H8/W7.8/L23mm (H0.32/W0.31/L0.91in) (2 pole, male + female connected) H8/W12.8/L17mm (H0.32/W0.5/L0.67in) (4 pole, male + female connected) H8/W15.3/L17mm (H0.32/W0.6/L0.67in) (5 pole, male + female connected)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 85°C (-13 to 185°F)
<b>IP Rating</b>	IP20
<b>Finish</b>	White
<b>Shell Materials</b>	Nylon PA66, fire resistance (UL94): V-0
<b>Contact Materials</b>	Brass with phosphor bronze plating
<b>Rated Current</b>	AC/DC 3A
<b>Rated Voltage</b>	AC/DC 250V
<b>Test Voltage</b>	1000V (AC, V/1min)
<b>Contact Resistance</b>	30mΩ
<b>Insulation Resistance</b>	1000MΩ
<b>Applicable Wire</b>	22-28 AWG

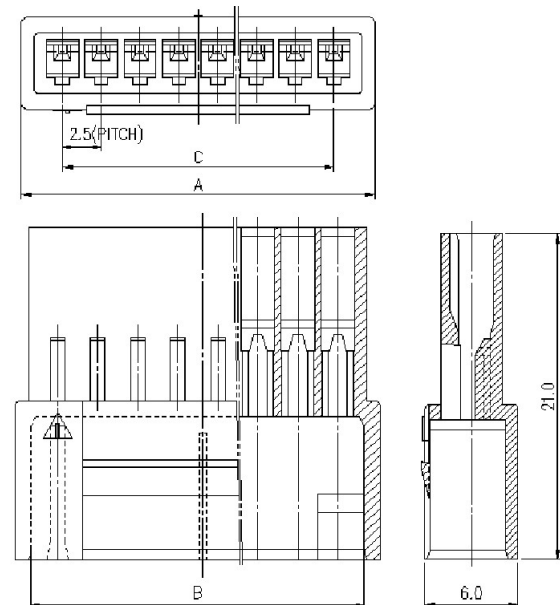


### Female



	A	B	C	D
2 pole	7.2mm (0.28in)	5.79mm (0.23in)	2.5mm (0.1in)	3.0mm (0.12in)
4 pole	12.2mm (0.48in)	10.79mm (0.43in)	7.5mm (0.3in)	5.0mm (0.2in)
5 pole	14.7mm (0.58in)	13.29mm (0.52in)	10.0mm (0.39in)	5.0mm (0.2in)

### Male



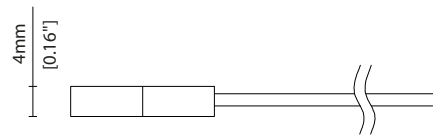
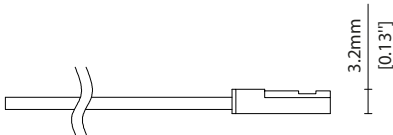
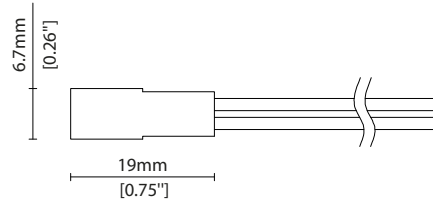
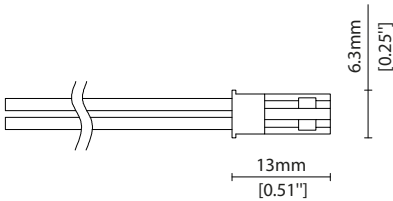
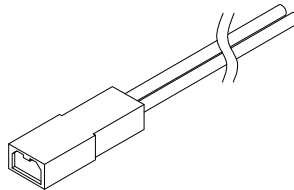
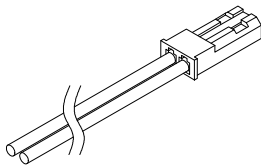
	A	B	C
2 pole	7.8mm (0.31in)	5.8mm (0.23in)	2.5mm (0.1in)
4 pole	12.8mm (0.5in)	10.8mm (0.43in)	7.5mm (0.3in)
5 pole	15.3mm (0.6in)	13.3mm (0.52in)	10.0mm (0.39in)

# IP20 male + female connectors (JST)

## Specification sheet

### PRODUCT SPECIFICATION

<b>Dimension</b>	H6.3/W4/L23.3mm (H0.25/W0.16/L0.92in)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 85°C (-13 to 185°F)
<b>IP Rating</b>	IP20
<b>Finish</b>	White
<b>Shell Materials</b>	Nylon PA66, fire resistance (UL94): V-0
<b>Contact Materials</b>	Brass with phosphor bronze plating
<b>Rated Current</b>	AC/DC 3A
<b>Rated Voltage</b>	AC/DC 250V
<b>Withstanding Voltage</b>	1,500VAC/minute
<b>Contact Resistance</b>	10mΩ After environmental tests/ 20mΩ max
<b>Insulation Resistance</b>	500MΩ
<b>Applicable Wire</b>	22-28 AWG



# IP54 male + female connectors

## Specification sheet

# KKDÖ

IP54

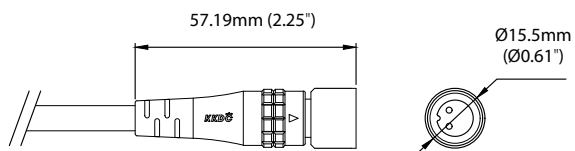


### PRODUCT SPECIFICATION

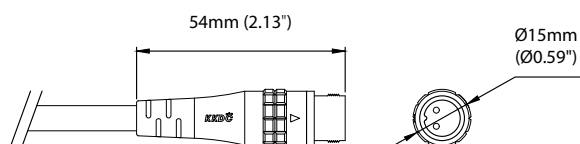
<b>Dimension</b>	Ø15.5/L103.5mm (Ø0.61/L4.07in)
<b>Operating Temp</b>	T <sub>a</sub> = -20 to 80°C (-4 to 176°F)
<b>IP Rating</b>	IP54
<b>Finish</b>	Black
<b>Shell Materials</b>	Nylon+glass beads
<b>Contact Materials</b>	Cu alloy with Ni plating
<b>Rated Current</b>	AC/DC 5A
<b>Rated Voltage</b>	AC/DC 250V
<b>Test Voltage</b>	250V (DC, V/1min)
<b>Contact Resistance</b>	10mΩ
<b>Insulation Resistance</b>	105mΩ



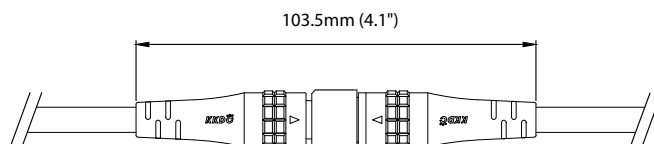
**Female connector**



**Male connector**



**Female + Male connector**



# IP67 male + female connectors

## Specification sheet

# KKDÖ

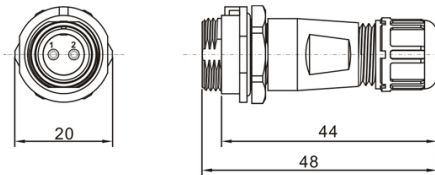
IP67 CE

### PRODUCT SPECIFICATION

<b>Dimension</b>	Ø20/L87mm (Ø0.79/L3.4in) (male + female connected)
<b>Operating Temp</b>	T <sub>a</sub> = -40 to 85°C (-40 to 185°F)
<b>IP Rating</b>	IP67
<b>Finish</b>	Matt Black
<b>Shell Materials</b>	Nylon PA66, fire resistance (UL94): V-0
<b>Contact Materials</b>	Brass with gold plating
<b>Contact Ø</b>	Ø1.6mm (0.6in) x2 (2 pole)/Ø1mm (0.04in) x4 (4 pole)
<b>Rated Current</b>	13A (2 pole)/5A (4 pole)
<b>Rated Voltage</b>	250V (2 pole)/200V (4 pole)
<b>Test Voltage</b>	1500V (AC. V/1min)
<b>Contact Resistance</b>	2mΩ
<b>Insulation Resistance</b>	2000mΩ
<b>Outer Cable Ø Range</b>	Ø4 - 6.5mm (0.16 - 0.26in) Ø5 - 8mm (0.2 - 0.31in)



### Female



### Male

