

Product data sheet

Yamaïchi connectors

Straight cable plug with back nut for Bend Relief

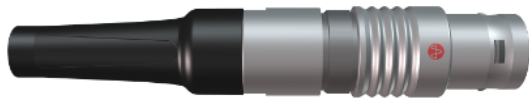


+ Bend Relief (091,Black)

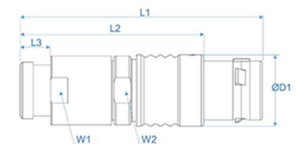
YCP-BPR18ACX-04MSRHX-091B

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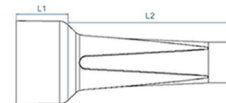
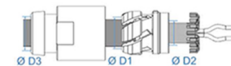
<https://www.ac-solutions.be/en/product/ycpbpr18acx04msrhx091b>



Dimensions [mm]
D1= 17.5 L1= ~60.0 W1= 15.0
L2= ~45.0 W2= 15.0
L3= 7.0



Dimensions [mm]
D1= 9.1
D2= 11.1
D3= 9.1



Specifications

General Characteristics

Pin count	4 Pins
Size	Size 18
Housing variant	Standard
Insulator Variant	Standard
IP Grade (to contact)	IP50
IP Grade (to housing)	IP50
Mating cycles	5000 Times
Min. operating temperature	-40 °C
Max. operating temperature	+120 °C
Short Term Max. Temp	+260 °C
Vibration [Hz]	20 [10 Hz - 2000 Hz]
Shock resistance	50 [6 ms]
Salt Spray Corrosion	>144 Hours
Shielding (10 MHz)	>75 Db

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Shielding (1 GHz)	>55 Db
Contact Diameter	2 mm
Terminal cross section	Max AWG 16 / 1,50 mm²
Contact Type	Male: Solder Contacts
Cable collet type	91
Cable diameter range	>8,0 to 9,1 mm
RoHS	2011/65/EU (2015/863/EU)
Bend relief part number	YCP-ABR15BT091X
Bend relief cable diameter range	>8,5 to 9,1 mm
Bend relief colour	Black
Bend relief operating temperature	-40 to 110 °C
Bend relief L1	7.2 mm
Bend relief L2	28.8 mm

Electrical Parameters

Current rating per contact	19 A
Test Voltage Contact-Contact RMS	1.9 kV
Test Voltage Contact-Shell RMS	1.5 kV
Contact Resistance	4,0 ?

Material

Connector type digit	PR
Housing Material	Brass
Housing surface	Chrome
Contact Material and Surface	CuZn38Pb2 / min 0.75µm Au
Insulator Material	PEEK (UL)
Bend relief material	TPU (Thermoplastic polyurethane)