

Product data sheet

Yamaïchi connectors

Straight cable plug with back nut for Bend Relief

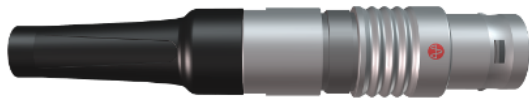


+ Bend Relief (051,Black)

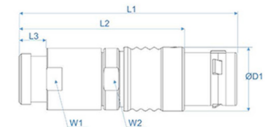
YCP-BPR12ACX-07MSEEX-051B

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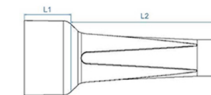
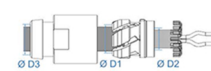
<https://www.ac-solutions.be/en/product/ycpbpr12acx07mseex051b>



Dimensions [mm]
D1= 11.5 L1= ~41.8 W1= 10.0
L2= ~30.8 W2= 10.0
L3= 5.3



Dimensions [mm]
D1= 5.1
D2= 6.2
D3= 7.1



Specifications

General Characteristics

Pin count	7 Pins
Size	Size 12
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	0.7 mm
Terminal cross section	Max AWG 22 / 0,34 mm²
Contact Type	Male: Solder Contacts
Cable collet type	51
Cable diameter range	>4,0 to 5,1 mm
RoHS	2011/65/EU (2015/863/EU)
Bend relief part number	YCP-ABR12BT051X
Bend relief cable diameter range	>4,5 to 5,1 mm
Bend relief colour	Black
Bend relief operating temperature	-40 to 110 °C
Bend relief L1	5.7 mm
Bend relief L2	24.3 mm

Electrical Parameters

Current rating per contact	7 A
Test Voltage Contact-Contact RMS	0.8 kV
Test Voltage Contact-Shell RMS	0.8 kV
Contact Resistance	6,5 ?

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)