

Product data sheet

Yamaïchi connectors

Straight cable plug with back nut for Bend Relief

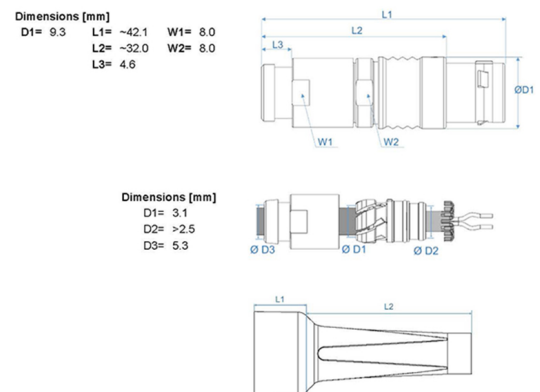


+ Bend Relief (031,Black)

YCP-TPR09ACX-02MSGEX-031B

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<https://www.ac-solutions.be/en/product/ycptpr09acx02msgex031b>



Specifications

General Characteristics

Pin count	2 Pins
Size	Size 09
Housing variant	Standard
Insulator Variant	Standard
IP Grade (to contact)	IP68
IP Grade (to housing)	IP50
Mating cycles	5000 Times
Min. operating temperature	-20 °C
Max. operating temperature	+120 °C
Short Term Max. Temp	+200 °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	0.9 mm
Terminal cross section	Max AWG 22 / 0,34 mm ²
Contact Type	Male: Solder Contacts
Cable collet type	31
Cable diameter range	>2,5 to 3,1 mm
RoHS	2011/65/EU (2015/863/EU)
Bend relief part number	YCP-ABR09BT031X
Bend relief cable diameter range	>2,5 to 3,1 mm
Bend relief colour	Black
Bend relief operating temperature	-40 to 110 °C
Bend relief L1	5.5 mm
Bend relief L2	21.5 mm

Electrical Parameters

Current rating per contact	10 A
Test Voltage Contact-Contact RMS	1.2 kV
Test Voltage Contact-Shell RMS	1 kV
Contact Resistance	5,0 ?

Material

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