

# Product data sheet

## Yamaïchi connectors

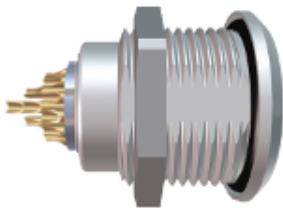
### Standard wall mounted socket - front mounting



YCP-TWA09ACX-03FSGEX-000X

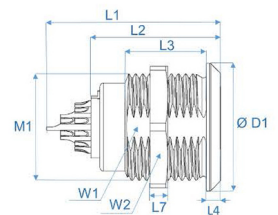
YCP-TWA09ACX-03FSGEX-000X

<https://www.ac-solutions.be/en/product/ycptwa09acx03fsgex000x>



#### Dimensions [mm]

|          |          |            |
|----------|----------|------------|
| D1= 12.5 | L1= 18.3 | W1= 8.2    |
|          | L2= 16.0 | W2= 11.0   |
|          | L3= 10.0 |            |
|          | L4= 1.6  |            |
|          |          | M1= M9x0.6 |
|          | L7= 2.0  |            |



## Specifications

### General Characteristics

|                            |                      |
|----------------------------|----------------------|
| Pin count                  | 3 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               |
| Shielding (1 GHz)          | >55 Db               |
| Contact Diameter           | 0.9 mm               |

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|                        |                          |
|------------------------|--------------------------|
| Terminal cross section | Max AWG 22 / 0,34 mm²    |
| Contact Type           | Female: Solder Contacts  |
| RoHS                   | 2011/65/EU (2015/863/EU) |

## Electrical Parameters

|                                  |        |
|----------------------------------|--------|
| Current rating per contact       | 8 A    |
| Test Voltage Contact-Contact RMS | 1 kV   |
| Test Voltage Contact-Shell RMS   | 0.8 kV |
| Contact Resistance               | 5,0 ?  |

## Material

|                              |                           |
|------------------------------|---------------------------|
| Connector type digit         | WA                        |
| Housing Material             | Brass                     |
| Housing surface              | Chrome                    |
| Contact Material and Surface | CuZn38Pb2 / min 0.75µm Au |
| Insulator Material           | PEEK (UL)                 |
| O-Ring Material              | FKM, black                |