



Push-pull connectors cable mounted plug CCA3 series



002
PCB TERMINAL
BLOCKS

081
TERMINAL STRIPS

095
WIRE TO BOARD
CONNECTORS

100
CIRCULAR
CONNECTORS

151
IP68 CONNECTORS

158
INTERFACE
MODULES AND
RELAY BASES

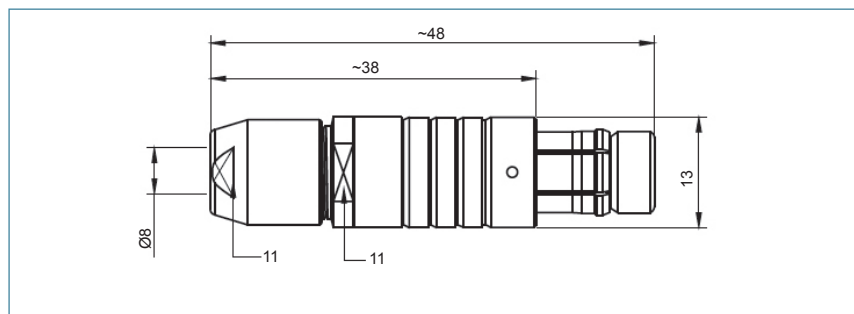
CCA3P1/A10 10 pole

- Premium range of circular connectors
- IP68 sealed using vacuum technology (when connected and using environmental cable clamp)
- Tough, high performance interconnection solution
- Ideal for harsh and extreme environments
- Suitable for broadcasting, autosport, military, rail, marine, security, industrial and agricultural applications
- Key coded to prevent misconnection
- Will not disconnect when the cable is under load or stress
- Tested to IEC 60512-3-5a



| PART NO. | DESCRIPTION | POLES | SERIES |
|------------|--------------------|-------|------------|
| CCA3P1/A10 | Cable mounted plug | 10 | CCA series |

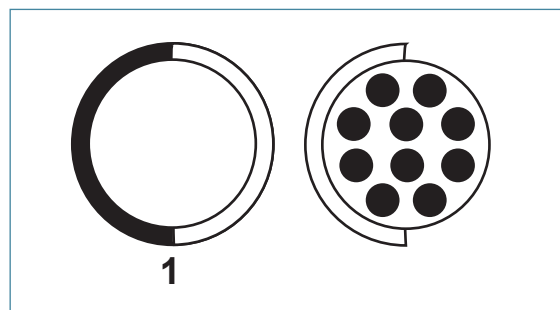
| SPECIFICATION | |
|-------------------------|---|
| Shell style/model | Cable mounted straight plug, male contact |
| Codes | Code 1 |
| Contact type | Solder type |
| Contact diameter | 0.7mm |
| Max. stranded conductor | AWG 21-22 |
| Max diameter | 0.79mm |
| Vtest (contact-shell) | 1400V(AC) 2000V(DC) |
| Vtest (contact-contact) | 1500V(AC) 2200V(DC) |
| Rated current | 4.5A |
| Rated voltage | ≤250V |
| Mechanical operation | 5000 mating cycles |
| Housing material | Brass (natural chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces |
| Insulator | PPS |
| Contacts | Brass (gold plated) |
| Humidity (max) | <=95% [at 60°C /140°F] |
| Vibration | 15g [10 Hz - 2000 Hz] |
| Shock resistance | 100g [6 ms] |
| Salt spray corrosion | >72 hr |
| Climatical category | 50/175/21 |
| Shielding (min) | 75 dB (10 MHz) |
| Shielding (min) | 40 dB (1 GHz) |
| IP rating | IP68 (when connected and using environmental cable clamp) |



This product should be used with the following cable clamps:

| PART NO. | WIRE RANGE |
|----------|-------------|
| CCU3C/CJ | 5.7 - 6.2mm |
| CCU3C/CL | 6.2 - 6.7mm |

Non IP68 cable clamps also available



ACCESSORIES

Metal cap for plugs

| PART NO. | DESCRIPTION |
|----------|-------------------------------|
| CCA32 | Camcirc metal cap for plug A3 |



ASSOCIATED PRODUCTS

CCM3S1/10

-CCM series A3 size socket

page 128

