



Push-pull connectors female cable mount series



CCS1S1/04 4 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, security and industrial applications
- Key coded to prevent misconnection
- Will not disconnect when the cable is under load or stress
- Cable mounting
- Tested to IEC 60512-3-5a
- Cable clamp required for use with this series

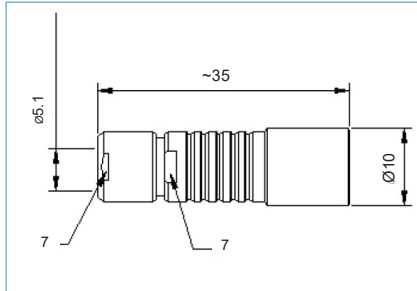
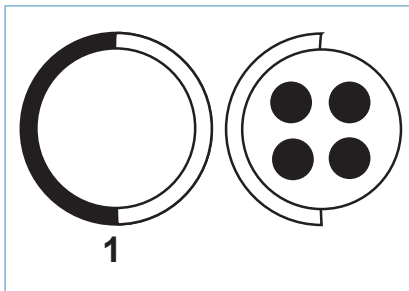
CCS1S1/04



SPECIFICATION

Shell style/model	Free cable mount socket connector, female 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)	1200V(AC) 1700V(DC)
Vtest (contact-contact)	1200V(AC) 1800V(DC)
Rated current	5.5A
Rated voltage	≤200V
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)

PART NO.	DESCRIPTION	POLES	SERIES
CCS1S1/04	Female cable mount	4	CCS series

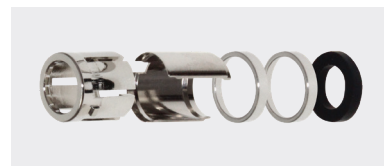


KEY FEATURES

Key coded | Cable mounting socket | Cable clamps required

This product should be used with the following cable clamps:

PART NO.	WIRE RANGE
CCVIC/CC	2.6 - 3.1mm
CCVIC/CD	3.1-3.6mm
CCVIC/CE	3.6-4.1mm
CCVIC/CF	4.1-4.3mm



Non IP68 cable clamps also available

ACCESSORIES

Metal and rubber caps for sockets

PART NO.	DESCRIPTION
CCT11	Camcircular metal cap for sockets A1



PART NO.	DESCRIPTION
CCT12	Camcircular rubber cap for sockets A1



ASSOCIATED PRODUCTS

CCA1P1/A04

- CCA Series A1 size plug

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PCB TERMINAL BLOCKS

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TERMINAL STRIPS

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WIRE TO BOARD CONNECTORS

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CIRCULAR CONNECTORS

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IP68 CONNECTORS

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INTERFACE MODULES AND RELAY BASES