002
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

Push-pull connectors female cable mount series

CAMCIRC C!RCULAR CONNECTORS

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
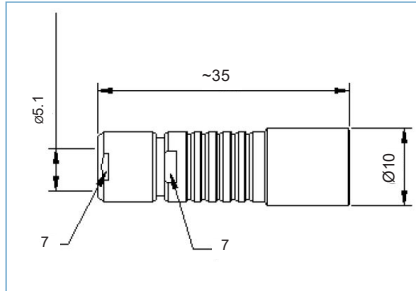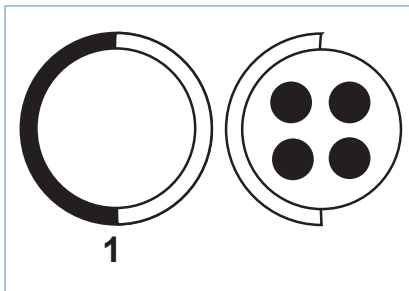- Cable clamp required for use with this series

CCS1S1/04

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

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)

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KEY FEATURES

Key coded | Cable mounting socket | Cable clamps required

This product should be used with the following cable clamps:

PART NO.	WIRE RANGE
CCV1C/CC	2.6 - 3.1mm
CCV1C/CD	3.1-3.6mm
CCV1C/CE	3.6-4.1mm
CCV1C/CF	4.1-4.3mm

Non IP68 cable clamps also available

ACCESSORIES

Metal and rubber caps for sockets

PART NO.	DESCRIPTION
CCT11	Camcirc metal cap for sockets A1

PART NO.	DESCRIPTION
CCT12	Camcirc rubber cap for sockets A1

ASSOCIATED PRODUCTS

CCA1P1/A04   - CCA Series A1 size plug   page 103

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