Push-pull connectors female cable mount CCT series
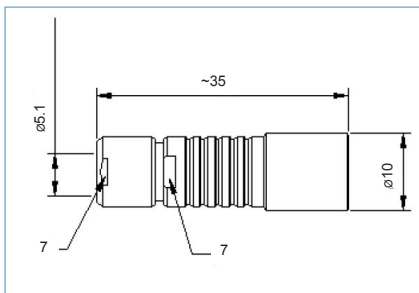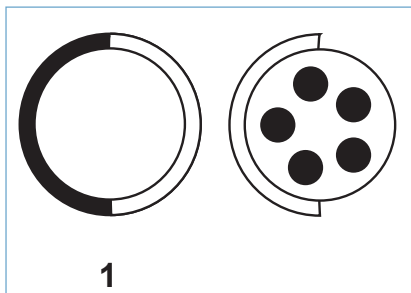
CAMCIRC CIRCULAR CONNECTORS

CCT2S1/05
5 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

CCT2S1/05

PART NO.	DESCRIPTION	POLES	SERIES
CCT2S1/05	Female cable mount	5	CCT series

SPECIFICATION	
Shell style/model	Free cable mount socket connector, female contact
Codes	Code 1
Contact type	Solder type
Contact diameter	0.9mm
Max. stranded conductor	AWG 21-22
Max diameter	0.79mm
Vtest (contact-shell)	1100V(AC) 1900V(DC)
Vtest (contact-contact)	1400V(AC) 2200V(DC)
Rated current	6.8A
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)

KEY FEATURES

Key coded | Cable mounting socket | Cable clamps required

This product should be used with the following cable clamps:

PART NO.	WIRE RANGE
CCV2C/CE	3.7 - 4.2mm
CCV2C/CG	4.2 - 4.7mm
CCV2C/CH	4.7 - 5.2mm
CCV2C/CI	5.2 - 5.7mm
CCV2C/CJ	5.7 - 6.2mm

Non IP68 cable clamps also available

ACCESSORIES

Metal and rubber caps for sockets

PART NO.	DESCRIPTION
CCT21	Camcirc metal cap for sockets A2

PART NO.	DESCRIPTION
CCT22	Camcric rubber cap for sockets A2

ASSOCIATED PRODUCTS

CCA2P1/A05   - CCA Series A2 size plug   page 109

002 PCB TERMINAL BLOCKS

081 TERMINAL STRIPS

095 WIRE TO BOARD CONNECTORS

100 CIRCULAR CONNECTORS

151 IP68 CONNECTORS

158 INTERFACE MODULES AND RELAY BASES

CONNECT

bsi. ISO 9001 Quality Management FM 28614   ISO 14001 Environmental Management EMS 613558

+44 (0)1638 716101 | sales@camdenboss.com | www.camdenboss.com

We operate a constant improvement policy, our products are subject to change without notice.

Vers 1

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