samtec

ACR–22–03–G–00.25–S–S1–P–1

ACCLI**MATE**™

ACR-22 SERIES

IP68 SEALED 22 mm PANEL ASSEMBLY

SPECIFICATIONS

Mates with:
ACP-22, ACPK-22

For complete specifications see www.samtec.com?ACR-22

Terminal Material:
Brass
Contact Material:
Brass/BeCu
Operating Temp Range:
-10 °C to +105 °C
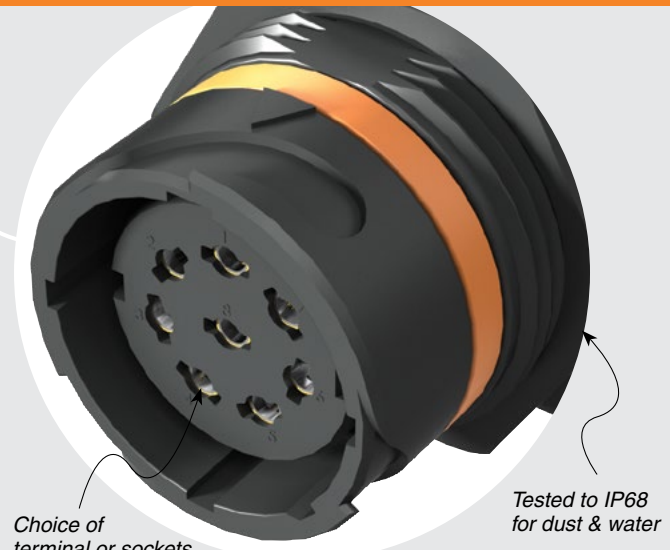**Housing:**
–P: Thermoplastic
–M: Zinc Alloy
RoHS Compliant:
Yes

Solutionator®
DESIGN IN A MINUTE

- Easy sealed cable solutions
- Build a standard or flexible custom online
- Calculate performance, current rating, voltage drop
- Live chat with AccliMate™ engineers for custom options
- Variety of shells, pin sizes, signal, power, I/O interfaces
- Assembly and field kits available

CURRENT RATING		
LEAD STYLE	PINS POWERED	CCC per PIN
–01	30	2.0 A
–02	20	2.3 A
–03	8	8.3 A

For general reference only. See www.samtec.com?ACR-22 for complete test data or contact AccliMate@samtec.com for applications requiring higher current carrying capacity.

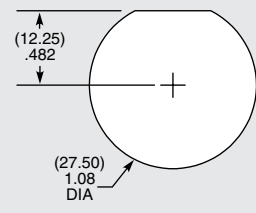*Choice of terminal or sockets*

Tested to IP68 for dust & water

DUST CAPS

- DCA-ACR-22-M-X (Metal)
- DCA-ACR-22-P-X (Plastic)

- Visit sealedio.samtec.com for a complete list of sealed systems

PANEL OPENING

(12.25) .482

(27.50) 1.08 DIA

ALSO AVAILABLE
(MOQ Required)

- Other assembly lengths

Note:
Some lengths, styles and options are non-standard, non-returnable.

ACR	22	LEAD STYLE	PLATING	LENGTH	END 1	END 2	HOUSING MATERIAL	KEYING OPTIONS

–01
= 1.0 mm DIA (30) terminals or sockets (24 AWG)

–02
= 1.0 mm DIA (20) terminals or sockets (24 AWG)

–03
= 1.5 mm DIA (8) terminals or sockets (16 AWG)

–G
= 10 µ" (0.25 µm) Gold over 50 µ" (1.27 µm) Ni on contact

–"XX.XX"
= Length in meters (00.25 m min. to 50.00 m max.)

Standard lengths

–T
= Terminal

–S
= Socket

–P
= Plastic

–M
= Metal

–1
= Orange, 45°

–BC
= Blunt Cut

–S1
= Connector determined by lead style.
(Specify LEAD STYLE from chart)

LEAD STYLE	-S1 END 2	MATES WITH -S1
–01	MMSD (24 AWG)	IPL1
–02		
–03	MPSS (16 AWG)	MPT

(1.0) .040 DIA (20)

(1.5) .060 DIA (8)

–02

–03

(1.0) .040 DIA (30)

–01

Overall Length = (XX.XX) ± 2%

(33.00) 1.299

–03 END 2 (MPSS)

–01 END

–01 END 2 (MMSD)

Due to technical progress, all designs, specifications and components are subject to change without notice.