ACCLI**MATE**™

FLEXIBLE SEALED CIRCULAR SYSTEMS

FEATURES & BENEFITS

- Metal or plastic, 12 mm, 16 mm and 22 mm shells
- Choice of pin configuration and gender
- Bayonet-style latching systems meet IP68 requirements
- Cost-effective crimp version available (samtec.com/crimp)
- Variety of end 2 options for panel-to-board applications
- Mini push-pull latching system meets IP67 requirements for dust and waterproof sealing

Kitted components for efficient field assembly

Dust caps available

ACX-12

MAX

5.0
A m p s

No. of Pins
2, 4, 5

ACX-16

MAX

11.6
A m p s

No. of Pins
2, 10, 14
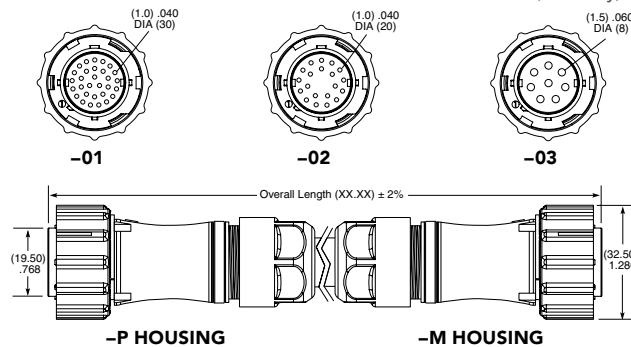
ACX-22

MAX

8.3
A m p s

No. of Pins
8, 20, 30

KEY SPECIFICATIONS

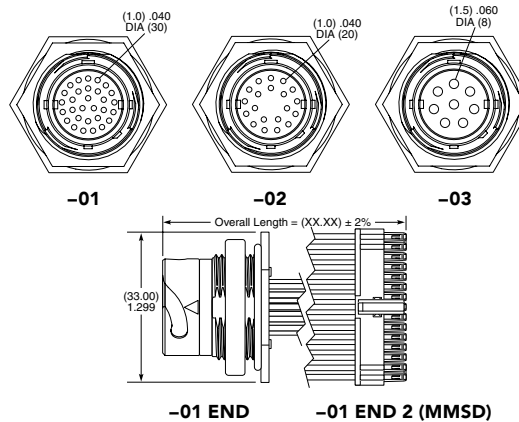| INSULATOR MATERIAL	TERMINAL MATERIAL	CONTACT MATERIAL	OPERATING TEMP RANGE	HOUSING
Thermoplastic	Brass	Brass/BeCu	-10 °C to +80 °C (ACX-12) -10 °C to +105 °C (ACX-16) -10 °C to +105 °C (ACX-22)	Thermoplastic (-P) Zinc Alloy (-M)

22 mm • IP68 SEALED CABLE ASSEMBLY

SERIES	– 22	LEAD STYLE	PLATING OPTION	LENGTH	END 1	END 2	HOUSING MATERIAL	KEYING OPTIONS

ACP
Terminal

ACR
Socket

–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

–T
= Terminal (ACP only)

–S
= Socket (ACP only)

–BC
= Blunt Cut

–S1
= Connector determine by lead style. See chart for end 2 connector used. (ACR only)

–P
= Plastic

–M
= Metal

–1
= Orange, 45°

ACP-22

End 1/2 Mates:
ACR-22
ACRK-22

(1.0) .040 DIA (30)

(1.0) .040 DIA (20)

(1.5) .060 DIA (8)

–01 **–02** **–03**

Overall Length (XX.XX) ± 2%

(19.50) .768

(32.50) 1.280

–P HOUSING **–M HOUSING**

View complete specifications at: **samtec.com?ACP-22**

ACR-22

End 1 Mates:
ACP-22
ACPK-22

End 2 Mates:
IPL1, MPT

(1.0) .040 DIA (30)

(1.0) .040 DIA (20)

(1.5) .060 DIA (8)

–01 **–02** **–03**

Overall Length = (XX.XX) ± 2%

(33.00) 1.299

–01 END **–01 END 2 (MMSD)**

View complete specifications at: **samtec.com?ACR-22**

PANEL OPENING

(12.25) .482

(27.50) 1.08 DIA
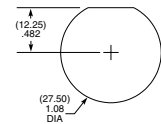
LEAD STYLE	–S1 END 2	MATES WITH –S1
–01	MMSD (24 AWG)	IPL1
–02		
–03	MPSS (16 AWG	MPT

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. Contact AccliMate@samtec.com for applications requiring higher current carrying capacity.

KITS AVAILABLE

www.samtec.com?ACPK-22

www.samtec.com?ACRK-22

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

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