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
Amps
No. of Pins
2, 4, 5

ACX-16
MAX
11.6
Amps
No. of Pins
2, 10, 14

ACX-22
MAX
8.3
Amps
No. of Pins
8, 20, 30

KEY SPECIFICATIONS

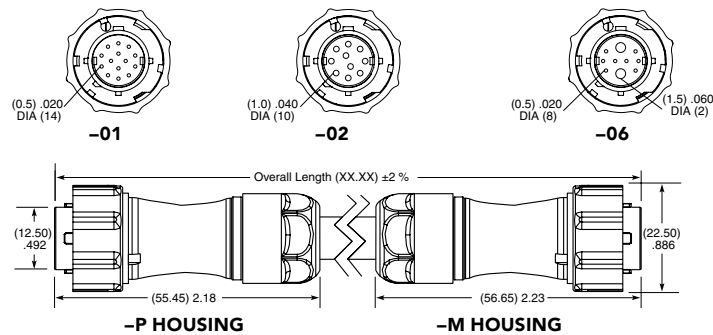| INSULATOR MATERIAL	TERMINAL MATERIAL	CONTACT MATERIAL	OPERATING TEMP RANGE	HOUSING
Thermoplastic	Brass	Brass/BeCu	-10 °C to +80 °C (ACX-12) -10 °C to +105 °C (ACX-16) -10 °C to +105 °C (ACX-22)	Thermoplastic (-P) Zinc Alloy (-M)

ACCLI**MATE**™

SERIES	– 16	LEAD STYLE	–	PLATING OPTION	–	LENGTH	–	END 1	–	END 2	–	HOUSING MATERIAL	–	KEYING OPTIONS

ACP
Terminal

ACR
Socket

–01
= 0.5 mm DIA (14) terminals or sockets (28 AWG)

–02
= 1.0 mm DIA (10) terminals or sockets (24 AWG)

–06
= 1.5 mm DIA (2) terminals or sockets (16 AWG) + 0.5 mm DIA (8) terminals or sockets (28 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 (N/A with End 2 -T)

–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-16

End 1/2 Mates:
ACR-16
ACRK-16

(0.5) .020 DIA (14)
–01

(1.0) .040 DIA (10)
–02

(0.5) .020 DIA (8)
(1.5) .060 DIA (2)
–06

Overall Length (XX.XX) ±2 %

(12.50) .492

(22.50) .886

(55.45) 2.18
–P HOUSING

(56.65) 2.23
–M HOUSING

View complete specifications at: **samtec.com?ACP-16**

ACR-16

End 1 Mates:
ACP-16
ACPK-16

End 2 Mates:
TFM, IPL1, MPT

(0.5) .020 DIA (14)
–01

(1.0) .040 DIA (10)
–02

(1.5) .060 DIA (2)
(0.5) .020 DIA (8)
–06

Overall Length (XX.XX) ±2%

(26,00) 1.024

END 1   **–02 END 3 (MMSD)**

View complete specifications at: **samtec.com?ACR-16**

PANEL OPENING

(8.75) .344

(20.50) .807 DIA
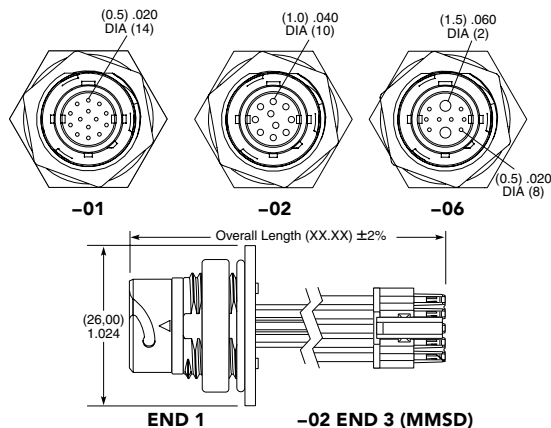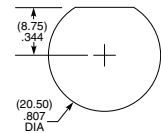
LEAD STYLE	–S1 END 2	MATES WITH –S1
–01	SFSD (28 AWG)	TFM
–02	MMSD (24 AWG)	IPL1
–06	1 x SFSD (28 AWG)	TFM
	1 x MPSS (16 AWG)	MPT

CURRENT RATING

LEAD STYLE	PINS POWERED	CCC per PIN
–01	14	1.3 A
–02	10	2.6 A
–06	2 (plus 8 signal pins powered @ 1 A)	11.6 A

For general reference only. Contact AccliMate@samtec.com for applications requiring higher current carrying capacity.

KITS AVAILABLE

www.samtec.com?ACPK-16
www.samtec.com?ACRK-16

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

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