



ACCLIMATE™

ACR-16-02-G-00.25-S-S1-M-1

ACR-16 SERIES

# IP68 SEALED 16 mm PANEL ASSEMBLY

## SPECIFICATIONS

For complete specifications see [www.samtec.com?ACR-16](http://www.samtec.com?ACR-16)

### Terminal Material:

Brass  
**Contact Material:**  
 Brass/BeCu  
**Operating Temp Range:**  
 -40 °C to +105 °C

### Housing:

-P: Thermoplastic  
 -M: Zinc Alloy  
**RoHS Compliant:**  
 Yes

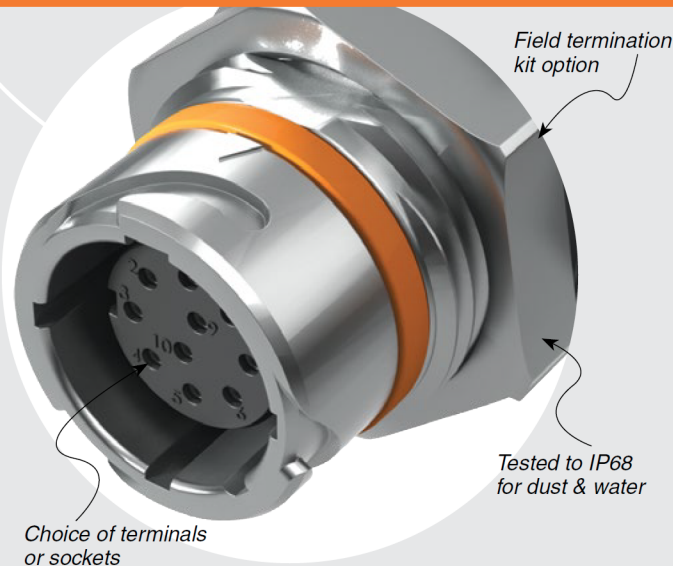
CURRENT RATING		
LEAD STYLE	PINS POWERED	CCC per PIN
-01	14	1.3 A
-02	10	2.6 A
-06	2 (plus 8 signal pins powered @ 1A)	11.6 A

For general reference only. See [www.samtec.com?ACR-16](http://www.samtec.com?ACR-16) for complete test data or contact [AccliMate@samtec.com](mailto:AccliMate@samtec.com) for applications requiring higher current carrying capacity.

Mates with:  
 ACP-16, ACPK-16



- 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



## ACR-16 LEAD STYLE PLATING LENGTH END 1 END 2 HOUSING MATERIAL KEYING OPTIONS

<b>-01</b> = 0.5 mm DIA (14) terminals or sockets (28 AWG)	<b>-02</b> = 1.0 mm DIA (10) terminals or sockets (24 AWG)	<b>-06</b> = 1.5 mm DIA (2) terminals or sockets (16 AWG) + 0.5 mm DIA (8) terminals or sockets (28 AWG)	<b>-G</b> = 10 μm (0.25 μm) Gold over 50 μm (1.27 μm) Ni on contact	<b>“XX.XX”</b> = Length in meters (00.20 m min. to 50.00 m max.) Standard lengths	<b>-T</b> = Terminal	<b>-S</b> = Socket	<b>-BC</b> = Blunt Cut	<b>-S1</b> = Connector determined by lead style. (Specify LEAD STYLE from chart)	<b>-P</b> = Plastic	<b>-M</b> = Metal	<b>-1</b> = Orange, 45°
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### DUST CAPS

- DCA-ACR-16-M-X (Metal)
- DCA-ACR-16-P-X (Plastic)

• Visit [sealedio.samtec.com](http://sealedio.samtec.com) for a complete list of sealed systems

### PANEL OPENING

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

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

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

[WWW.TOBY.CO.UK](http://WWW.TOBY.CO.UK)

All parts within this catalog are built to Samtec's specifications. Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.