



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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ACR-22-03-G-00.25-S-S1-P-1



ACR-22 SERIES

# IP68 SEALED 22 mm PANEL ASSEMBLY

## SPECIFICATIONS

For complete specifications see [www.samtec.com?ACR-22](http://www.samtec.com?ACR-22)

**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	30	2.0 A
-02	20	2.3 A
-03	8	8.3 A

For general reference only. See [www.samtec.com?ACR-22](http://www.samtec.com?ACR-22) for complete test data or contact [AccliMate@samtec.com](mailto:AccliMate@samtec.com) for applications requiring higher current carrying capacity.

Mates with:  
ACP-22, ACPK-22



- 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



Choice of terminal or sockets

Tested to IP68 for dust & water

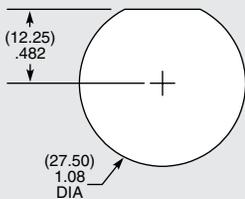
## DUST CAPS

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



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

## PANEL OPENING



## ALSO AVAILABLE (MOQ Required)

- Other assembly lengths
- Contact Samtec.

**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
		<p><b>-01</b> = 1.0 mm DIA (30) terminals or sockets (24 AWG)</p> <p><b>-02</b> = 1.0 mm DIA (20) terminals or sockets (24 AWG)</p> <p><b>-03</b> = 1.5 mm DIA (8) terminals or sockets (16 AWG)</p>	<p><b>-G</b> = 10 μm (0.25 μm) Gold over 50 μm (1.27 μm) Ni on contact</p>	<p><b>“XX.XX”</b> = Length in meters (00.25 m min. to 50.00 m max.) Standard lengths</p>	<p><b>-T</b> = Terminal</p> <p><b>-S</b> = Socket</p>	<p><b>-P</b> = Plastic</p> <p><b>-M</b> = Metal</p>	<p><b>-1</b> = Orange, 45°</p>	
							<p><b>-BC</b> = Blunt Cut</p> <p><b>-S1</b> = Connector determined by lead style. (Specify LEAD STYLE from chart)</p>	

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

Technical drawings showing:  
 - End views for lead styles -01, -02, and -03.  
 - Dimensions: (1.0) .040 DIA (20) and (1.5) .060 DIA (8).  
 - Overall Length = (XX.XX) ± 2%  
 - Dimensions: (33.00) 1.299