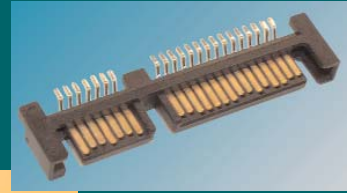
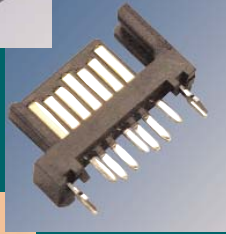
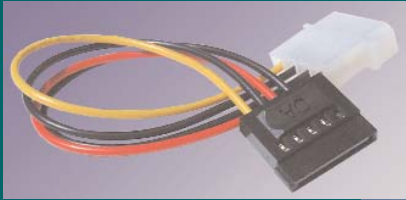


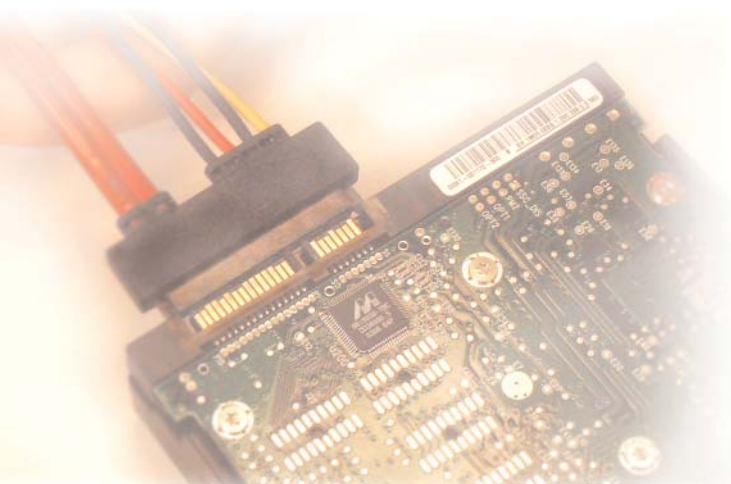
# Circuit Assembly.

building connections

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## SERIAL ATA Technology



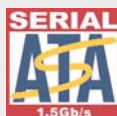
Circuit Assembly



Circuit Assembly Corp, design-manufacturer of quality interconnect solutions, has delivered a host of connectors and cable assemblies to the global marketplace since 1969. During the past thirty-five years, Circuit Assembly has built multiple manufacturing facilities worldwide and established international distribution channels throughout the American, Asian-Pacific and European markets. Over the years, Circuit Assembly has built its reputation by offering superior products and a total commitment to customer satisfaction.

*Serial ATA technology was designed to succeed the Ultra ATA parallel interface. Serial ATA connectors and cable assemblies are used for the storage interface of desktop PCs, mobile PCs, set-top boxes, entry servers, as well as networked storage devices.*

*Circuit Assembly has devoted time, energy and resources to advance the ongoing development of Serial ATA technology. With its unique expertise in patented ATA technology Circuit Assembly continues to develop technically innovative products for today's fast-paced marketplace. CA provides a complete line of Serial ATA interconnect products at competitive prices.*



# SATA Plugs

*Right Angle*



CA-07SAHPR-C-1-1

*Vertical Staggered*



CA-07SAHP-C-1

*R/A SMT Shielded*



CA-07SAHPRS-C-0

*Right Angle SMT*



CA-07SAHPR-C-0-1

*R/A SMT Dual Stacked*



CA-D14SAHPR-C-0-1

*22 Position Right Angle SMT*



CA-22SAPP-C-0

# SATA Receptacles

*Thru-hole*



CA-22SAHS-C-1-1-1-1

*Press Fit*



CA-22SAHS-C-1-3-1-1

*Vertical SMT, 3.70 mm Post*



CA-22SAHS-C-1-10-1-1

*Vertical SMT, 1mm Post*



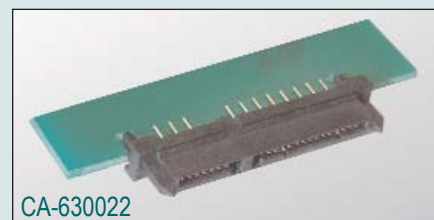
CA-22SAHS-C-1-9-1-1

*Right Angle SMT*



CA-22SAHSR-C-1-1

*Straddle Mount*



CA-630022

# Features & Benefits

- ◆ Creator of CA patented Parallel ATA technology
- ◆ Early developer of Serial ATA technology
- ◆ Products meet or exceed SATA Errata 029 specifications
- ◆ Low profile connector design utilizes less space on PC boards
- ◆ Hi-Temp Thermoplastic for Surface Mount Applications
- ◆ Device receptacles and host plugs available in multiple configurations
- ◆ Cable assemblies utilize thin, flexible cable to allow easy routing and better airflow
- ◆ Forward and backward compatibility
- ◆ Custom configurations available for custom applications
- ◆ North American, Asian, and European Stocking Locations

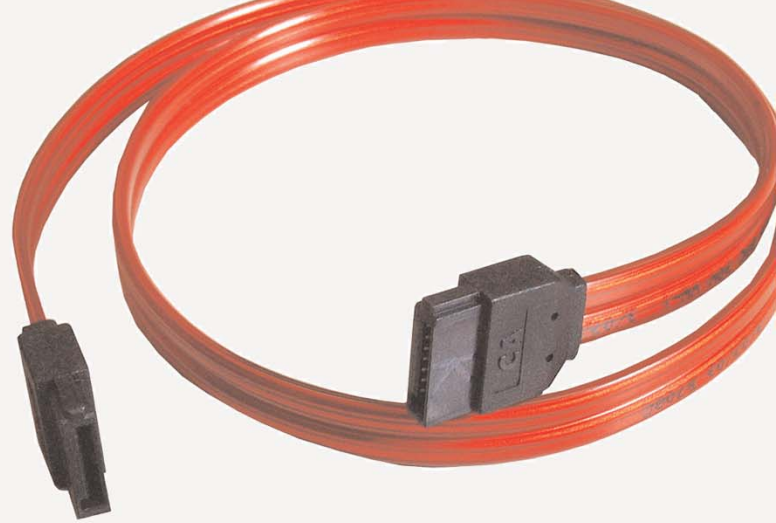
PART DESCRIPTION	PART #	DRAWING #	APPLICATIONS		
			DESKTOP/HBA	SERVER	LAPTOP
<b>Host Plug 7-Pin</b>					
Vertical Staggered	CA-07SAHP-C-1	CA-620438	◆	◆	
Right Angle	CA-07SAHPR-C-1-1	CA-620491	◆	◆	
Right Angle SMT	CA-07SAHPR-C-0-1	CA-610303	◆	◆	
Right Angle with Shield	CA-07SAHPRS-C-0	CA-617062	◆	◆	
Dual Stacked	CA-D14SAHPR-C-0-1	CA-620464	◆	◆	
<b>Device Receptacle</b>					
Vertical Thru-hole	CA22SAHS-C-1-1-1	CA-H610288		◆	
Vertical Press Fit	CA22SAHS-C-1-3-1-1	CA-H610289		◆	
Vertical SMT	CA-22SAHS-C-1-9-1-1	CA-H610297		◆	
Vertical SMT, Long Post	CA-22SAHS-C-1-10-1-1	CA-H610297		◆	
Right Angle SMT	CA22SAHSR-C-1-1	CA-610308		◆	◆
Straddle Mount	CA-630022	CA-630022		◆	◆
<b>Device Plug</b>					
	CA-22SAPP-C-0	CA-620461	◆	◆	◆
<b>Power Assembly</b>					
Dual Ended	CA-U709015-X	CA-U709015	◆	◆	
Single Ended Pigtail	CA-U709006-X	CA-U709006	◆	◆	
<b>Unitized Signal/Power Assembly</b>					
Standard	CA-U709019-XM	CA-U709019	◆	◆	
Ears	CA-U709016-1-XM	CA-U709016	◆	◆	
<b>Signal Assembly</b>					
Straight to Straight	CA-U709000-0C-0-X	CA-U709000	◆	◆	
Right Angle to Right Angle	CA-U709000-2C-0-X	CA-U709000	◆	◆	
Straight to Right Angle	CA-U709000-1C-0-X	CA-U709000	◆	◆	

# Cable Assemblies

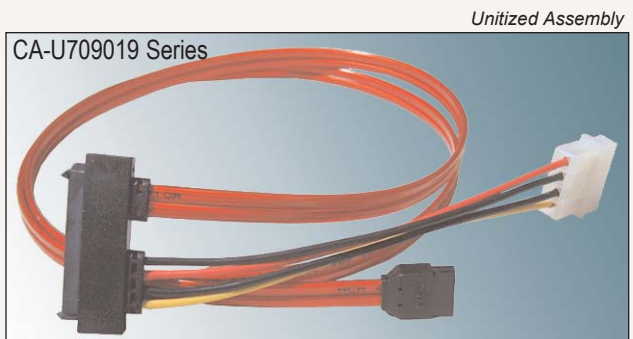
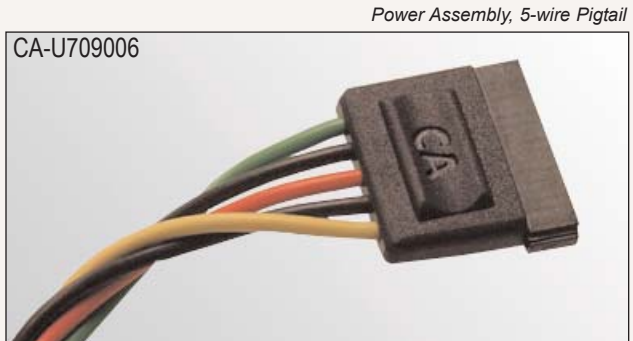
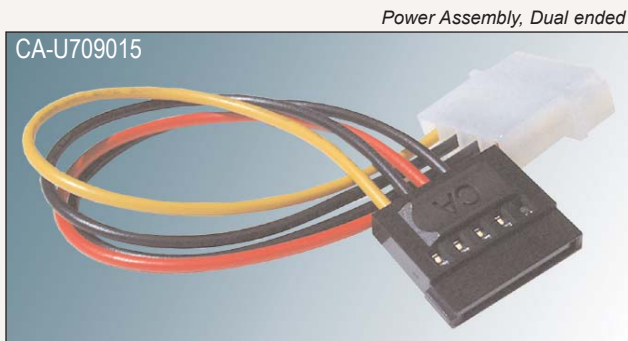
Circuit Assembly's Serial ATA cable assemblies provide top quality Serial ATA interconnect solutions. The new generation cable assemblies feature small form factor and low profile for limited-space applications, low pin count using serial data transmission, and thin, flexible cables for easy routing. The Signal assemblies are available with right angle and straight cable exits, in multiple configurations and custom cable lengths.

Power Assemblies are available in dual ended, 4-wire and single ended, 5-wire configurations with custom cable lengths.

Unitized cable assemblies are available with custom cable lengths and a mounting ear option.



*Signal Assembly*





# Circuit Assembly.

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Fotan, Shatin, N.T., Hong Kong  
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[www.circuitassembly.com.cn](http://www.circuitassembly.com.cn)

► **Circuit Assembly China Co., Ltd.**

Circuit Assembly Industrial Building, Ao Xing Road  
Aobei Second Village, Heng Gang Town  
Shen Zhen City, Guang Dong, P.R. China  
Tel: +86 755-869-1343 Fax: +86 755-858-1039  
[www.circuitassembly.com.cn](http://www.circuitassembly.com.cn)



► **Sales Office Locations**

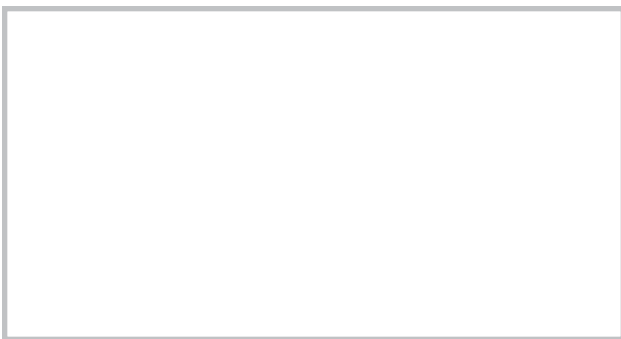
California, Colorado, Indiana, Illinois,  
New England, Ohio, Oregon, Texas,  
Canada, China, Hong Kong, Mexico, Taiwan, Italy, UK

► **Manufacturing & Assembly Plants**

Circuit Assembly Corp  
Irvine, California

Circuit Assembly Taiwan  
Taipei, Taiwan

Circuit Assembly China  
Shen Zhen, China



**Circuit Assembly**

TM

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[circuitassembly.com](http://circuitassembly.com)