

Technology to Inspire Innovation

Preferred Connector Products

JAE



JAE Electronics, Inc.

For Additional Information Visit www.jae-connector.com

Japan Aviation Electronics Industry, Ltd. (JAE) is an international manufacturer and supplier of electronic components and systems. For over four decades, JAE has provided the electronics industry with solutions to complex design requirements. Since its founding, the Company has strived to contribute to society through market-driven, technology-based global business operations under the philosophy: "Technology to Inspire Innovation."

With worldwide and world-class manufacturing certified to ISO 9001 and QS 9000, JAE has made the commitment to meet the global requirements of our customer. In addition to a network of state of the art manufacturing facilities, JAE has technical service offices located around the world, staffed with experts in connector design and application.

This catalog contains a select overview of JAE Connector Products. For in-depth information on our complete product line, and information on new developments, visit JAE's online catalog at www.jae-connector.com.

Innovative design, quality oriented manufacturing, commitment to our customers and sensitivity to the environment assures JAE's leadership position in the 21st century.

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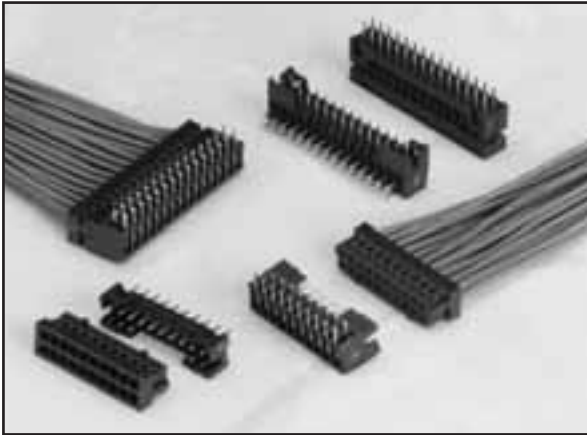
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- All JAE connector products shown in this catalog are lead free.
- We reserve the right to modify designs in order to improve quality, keep pace with technological advancements or meet particular requirements in production.
- Products shown in this catalog are made for the applications specified. However, if the above-mentioned products are to be used in aerospace devices, marine cable-connection devices, atomic power control systems, medical equipment for life-support systems, or any other specific application requiring extremely high reliability, please contact JAE for further information. Recommended Applications: Computers, Office Machines, Measuring Devices, Telecommunications Devices (Terminals, Mobile Devices) AV Devices, Household Applications, FA Devices, etc.
- Refer to end of catalog for alphabetical index of products.

LY SERIES CONNECTORS

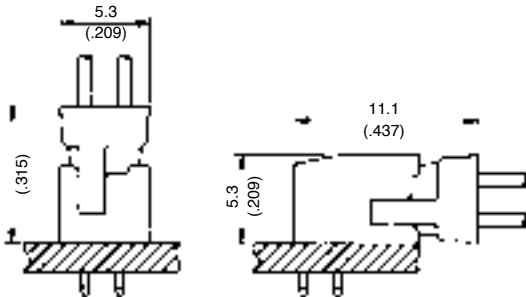
2.0mm (.079") Contact Spacing, PCB-to-Cable (Crimp Type) Connectors



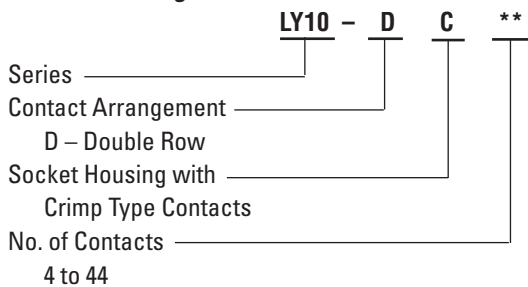
FEATURES

- Snap latch housing resists shock and vibration
- UL94V-0 rated insulator material
- Dual wipe stamped snap-in socket contacts
- Pin headers are available in straight and right angle PCB mounting configurations
- Both gold and tin plated contacts are available
- Polarized housing prevents mismatching

Connector Profile (Ref.)



•Socket Housing



LY Series connectors are low profile PCB-to-cable connectors used for PC peripherals. The LY Series connectors have a snap latch mechanism with a box-type housing. A polarizing feature prevents mismatching.

GENERAL SPECIFICATIONS

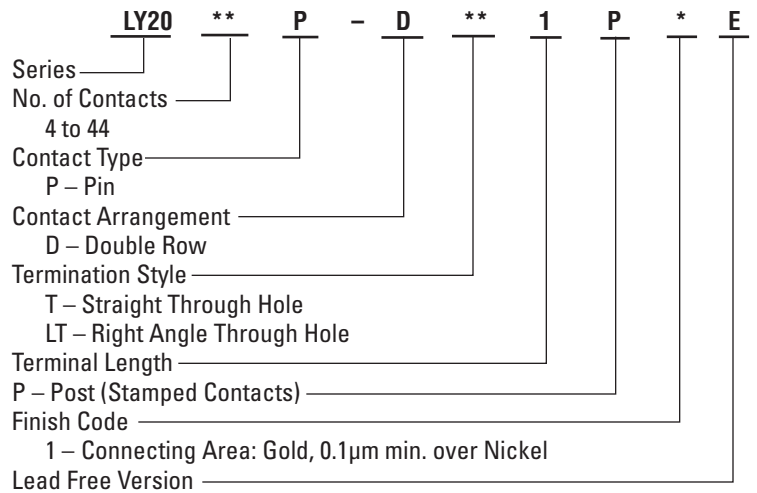
Number of Contacts	4 to 44 (Even numbers only)
Contact Spacing	2.0mm (.079") Grid
Current Rating	3 Amp per contact
Operating Voltage	250 VAC r.m.s.
Dielectric Withstanding Voltage	500 VAC r.m.s. (for one minute)
Insulation Resistance	100 megohms min. (after test)
Contact Resistance	20 milliohms max. (after test)
Operating Temperature	-40°C to +85°C
Applicable PCB Thickness	1.6mm (.063")
Applicable Wire Size	#22 to #30 AWG (stranded)

MATERIALS AND FINISHES

Description	Materials/Finishes
Insulator	Glass-filled 6-6 Nylon (UL94V-0, Brown)
Contacts	Phosphor Bronze Code 1. Connecting Area: Gold, 0.1µm min. (.000004") over Nickel

ORDERING INFORMATION

•Pin Header



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***“Building Technologies
to Connect Your World”***



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