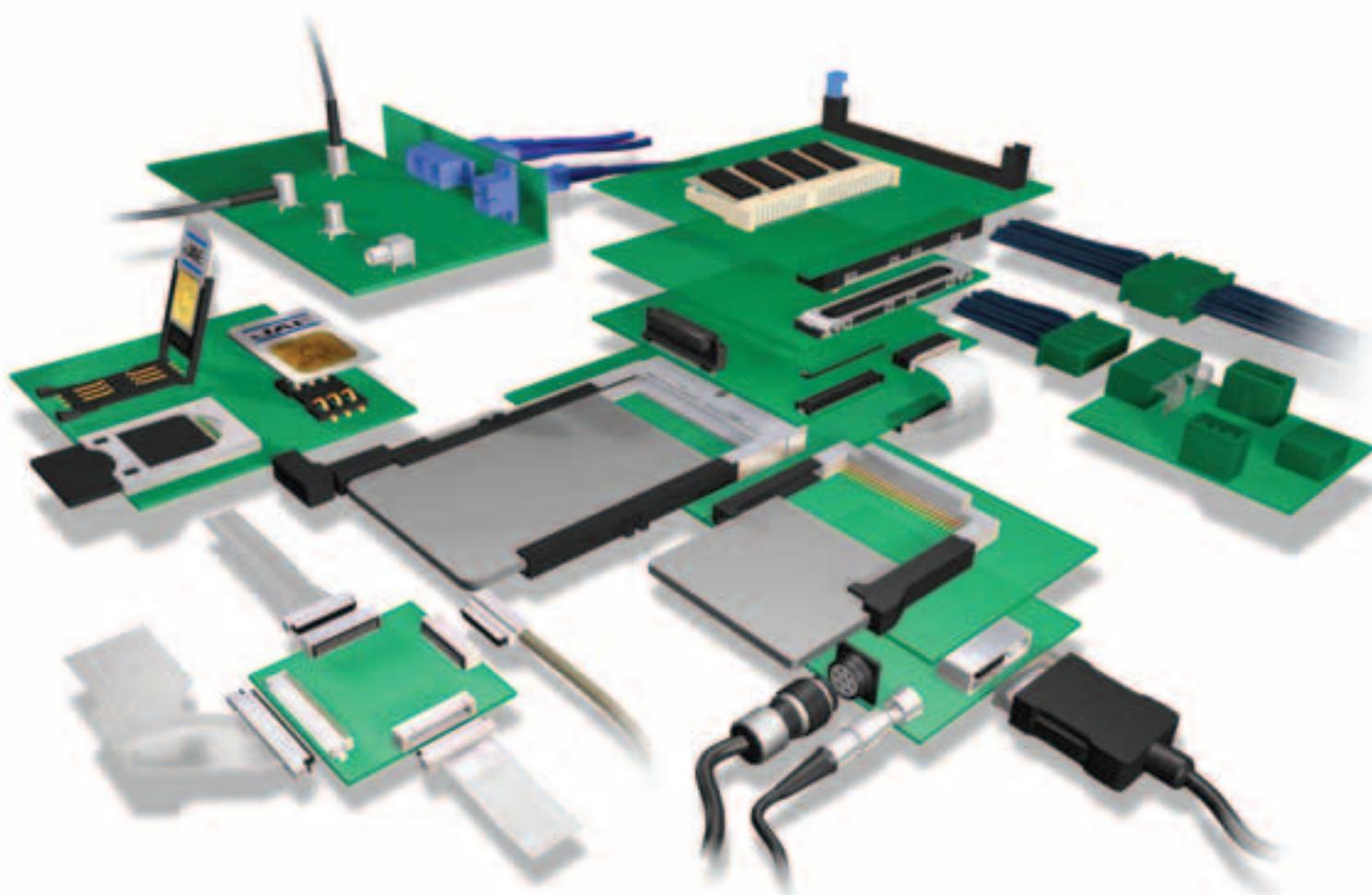


Technology to Inspire Innovation

Preferred

Connector Products

JAE



JAE Electronics, Inc.

For Additional Information Visit www.jae-connector.com

Introduction

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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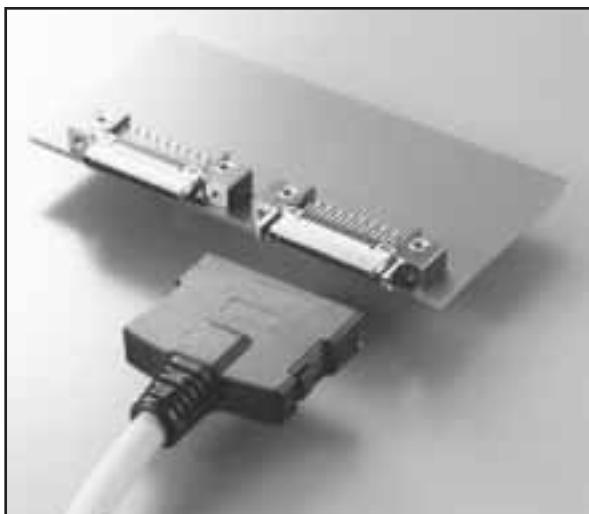
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- All JAE connector products shown in this catalog are lead free.
- We reserve the right to modify designs in order to improve quality, keep pace with technological advancements or meet particular requirements in production.
- Products shown in this 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.

TX20A SERIES CONNECTORS

1.27mm (.050") Contact Spacing, PCB-to-Cable (IDC Type) Connectors



• • • • • • • • • •

TX20A Series connectors are extremely low profile, high density connectors with contact spacing on 1.27mm (.050") centers. This series includes receptacles (board side), plugs (IDC termination) and hoods with a locking mechanism. This product is ideal for interface between electronic units. The ribbon type contact configuration will not fail under a twisting force during mating and unmating. The rapid locking system provides a positive "click" feel when locked. The TX20A Series is highly reliable and has excellent EMI shielding. The connectors provide flexibility in connecting between units of state-of-the-art electronic devices, such as laptop and pocket-type miniature computers.

MATERIALS AND FINISHES

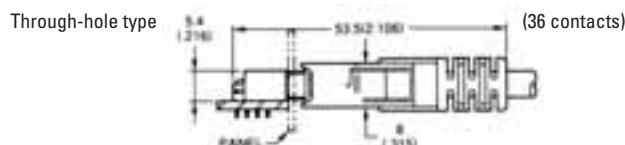
• Receptacle

Description	Materials/Finishes
Shell	Steel/Nickel plating
Contact	Phosphor Bronze Connecting area: Gold Plated over Nickel [Gold 0.1 μ m (.000004") min.] Terminal area: Tin plating
Insulator	Glass-filled PBT (UL94V-0, Black) for through hole Glass-filled PPS (UL94V-0, Black) for SMT
Locator	Glass-filled PBT (UL94V-0, Black) (Through hole)
Hook Lug	Zinc Alloy/Nickel plating
Ground Lug	Zinc Alloy/Nickel plating (Through hole)
Hook Pin	Phosphor Bronze/Tin plating (With-hook-pin type)
Spring Pin	Stainless (Straddle SMT)
Hold-Down	Phosphor Bronze/Tin plating (Option for right angle SMT)

• Plug

Shell	Steel/Nickel plating
Contact	Copper Alloy Connecting area: Gold Plated over Nickel [Gold 0.1 μ m (.000004")] Terminal area: Tin plating
Base Insulator	Glass-filled Nylon (UL94V-0, Black)
Cover Insulator	Glass-filled PBT (UL94V-0, Black)
Hood	Glass-filled PC (UL94V-0, Black)
Bushing	PVC/UL94V-0, Black
Lock Spring	Stainless Steel

Connector Profile (Ref.)



Consult JAE for "Ordering Information".

Dimensions in mm (inches).



"Building Technologies to Connect Your World"



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