



23rd March 2004
Ref: JAE/082/A

Enhanced performance added to MX19 automotive connector system

JAE Europe has enhanced the mating and electrical performance of its MX19 connector system by adding a mechanical lock mechanism and improving insertion and removal. MX19 is a 2.5mm pitch interconnect system, designed for easy assembly and high vibration capability. It is particularly suited to automotive body and chassis applications.

The connectors are rated at 5A and accept 20-22 AWG wire gauges. This makes them suitable for use with CAVS compressed conductor and AVSS super slim automotive wires for control, body, door and trunk applications requiring flexibility, small outline, and resistance to noise, cold and abrasion.

MX19 connectors are available with two or four contacts. Terminals have a two-plate mechanism with long beam length to reduce insertion force and maximise stress dispersion. The grommet has a rear cover, which aids water resistance and helps speed up harness assembly and insertion of terminals into a housing. Connectors are waterproof to the Japanese JIS D 0203 S1 standard, and the operating temperature range is -40°C to $+105^{\circ}\text{C}$.

-- ends --

About JAE

Japan Aviation Electronics Industry (JAE) Limited was established in Tokyo in 1953 as a manufacturer of electronic components and assemblies for the aerospace market. Since then, it has grown into a billion dollar organisation which designs and manufactures standard and custom products ranging from connectors and switches to operating panels, displays, optical data links and space systems. JAE is among the world's top ten manufacturers of electronic connectors, a position that it has attained as a result of very high levels of investment in R&D. Over 70% of the company's revenue now comes from sales of connectors into applications in the telecommunications, computing, consumer electronics, automotive and aerospace sectors.

The company's standard connector portfolio incorporates high-precision, high-quality through-hole and surface-mount devices for board-to-board, board-to-cable and board-to-FPC/FFC applications, alongside PC card connectors, IC sockets and a variety of rectangular and circular devices. As well as the standard range of products, high levels of in-house design and production expertise allows JAE to rapidly engineer and manufacture custom interconnection solutions with as little as 12 weeks from drawing board to customer delivery.

Further information from:

John Islam, JAE Europe Limited, Coliseum Business Centre, Riverside Way, Camberley, Surrey, GU15 3YL, UK.

Tel: +44 (0) 1276 404000 Fax: +44 (0) 1276 404010.

e-mail: sales@jae.co.uk

Issued by:

Andrew Town/Sue Riley, Pinnacle Marketing Communications Ltd

Prosperity House, Dawlish Drive, Pinner Middlesex HA5 5LN

Tel: +44 (0) 20 8869 9345 Fax: +44 (0) 208 868 4373

e-mail: andrew@pinnacle-marketing.com

March 2004

Ref: JAE/082/A