

## Nelco commutators from Polaron now available in built-up versions

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Commutators in Polaron Components' Nelco range are now available in built-up versions. Having their constituent components mechanically bolted together enables them to operate over an extended operating temperature range compared with moulded commutators which are also available from Polaron.

The commutators are manufactured to customer specifications and have applications in the aerospace and defence industries. They can be made in small quantities, with minimum tooling charge and set-up time.

"Our Nelco commutators are manufactured to rigorous mechanical and electrical quality procedures, with full traceability," said Steve Couchman, managing director of Polaron Components.

The commutators can be manufactured from a variety of high specification coppers to meet the most demanding military and aviation standards and are tested for dielectric strength from segment to segment and from segment to sleeve. Additional tests can be carried out on behalf of customers to agreed test specifications.

Typical applications are in starter generators for aircraft and in undercarriage mechanisms, as well as torpedo motors and missile fin actuators.

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Photo caption: Nelco commutators from Polaron Components are now available in built-up as well as moulded versions.

Notes to editors

Commutators were first manufactured by Nelco over 50 years ago. The company was acquired by the Polaron group in 1993.

Polaron Components Group is recognised worldwide for its specialist switches and sensors. These are widely used in the most demanding applications, including in defence, aerospace, offshore, rail, security and medical equipment.

Parent group Polaron is a privately held UK engineering group focusing on niche engineering markets. The group is expanding rapidly, with revenue increasing by 50 per cent over the last year.

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