TCX* SERIES - BAE JN1123

Connector for use on the Eurofighter / Typhoon Aircraft

- Designed for L-shaped boxes.
- 5 shell sizes with environmental sealing and metal to metal bottoming.
- Field replaceable inserts.
- Ground spring on the plug shell providing 360° EMC screening.
- EMI/NEMP protection provided by filter arrays and transient suppressors.



The **RADIALL TCX*** series (TYPHOON connector) meets the requirements of JN1123 BRITISH AEROSPACE specification. It has been designed to fit L-shaped boxes, to withstand extreme physical conditions and to provide EMC screening. This series of connectors is using MIL-C-83527 contacts. The 5 shell sizes are environmentally sealed thanks to an O-ring gasket on the plug shell. Electromagnetic field shielding is provided by the use of a ground spring on the plug shell. NEMP/EMI protection of the equipment boxes is also possible by using filter arrays and transient suppressors on the receptacle.

TECHNICAL CHARACTERISTICS:

• Temperature range : -40°C/+150°C • Altitude immersion : 133Pa

Temperature life: 1000 hours at 150°C
 Shielding effectiveness: 50 dB at 10 GHz

● Salt spray : 500 hours ● Shell to shell conductivity : 2,5 mΩ

Humidity: 10 days / 95% RH
 Durability: 500 mating & unmating

*: Manufactured under SMITH INDUSTRIES PLC license.
Patent numbers: GB 2134333B, GB 2206748B, FR 8401237, DE P3865115.7, IT 0297711.



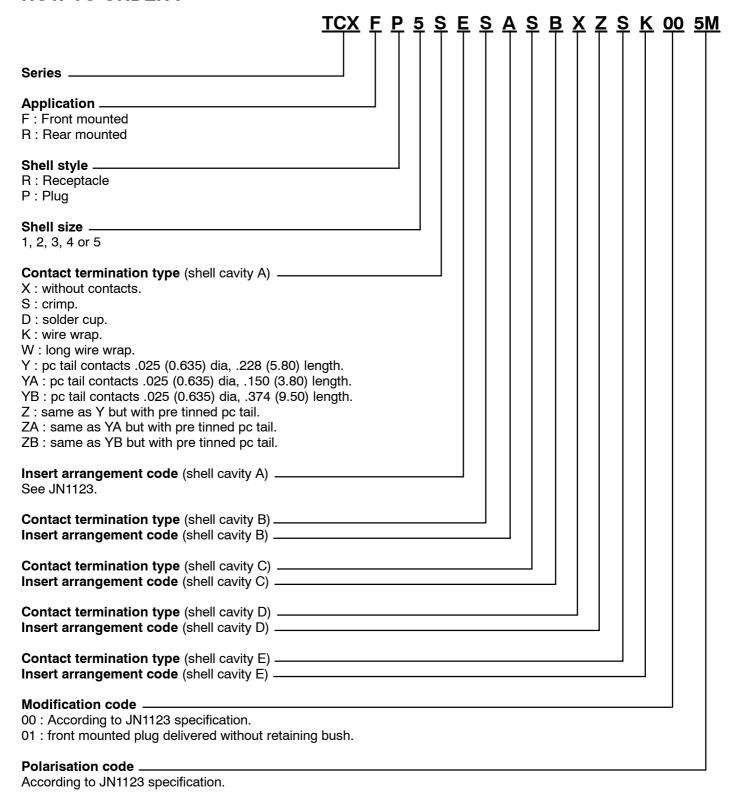
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HOW TO ORDER:



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