

Fast Facts

MIL-DTL-26482 BS9522 F0017 Screen Trap™ Backshells

Originally designed and proven by TT Electronics the trademarked 'Screen Trap' backshell is now adapted for use with all MIL-DTL-26482 BS9522 F0017 connectors. The concept is contained in patents, GB2427079B, GB2427080B, GB2427081B and subject of other patent applications.

This series of adapters provides a simplified method of grounding over all shields. The shield/braid is secured between a male and female thread providing a good bonding joint. No additional tooling is required to terminate Screen Trap™ backshells. Simple but effective EMI/RFI and environmental protection.



Market Segments

- Adoption in high reliability applications including traditional applications associated with MIL-DTL-26482 BS9522 F0017 connectors

Applications

- **Defence**
 - C4i
 - Surveillance systems
 - Thermal imaging
- **Industrial**
 - Automation
 - Oil & Gas
 - Industrial data logging

Features

- No tooling required for assembly
- Grounded backshell, shield termination, environmental sealing and mechanical strainrelief
- Tested to the American Specification AS85049 for connector backshells
- Base materials & Finishes:
 - Aluminium Cad, Electroless Nickel, Ni PTFE, Zn Cobalt,
 - Passivated Stainless Steel (not in AS85049)

Our Advantage

- All Screen Trap™ adaptors are capable of terminating single, double or optimised screens thereby making the Screen-Trap™ ideal where RFI, EMI, EMP, Tempest or HIRF conditions apply.
- Not widely promoted by competition that may prefer to offer more their own designs, ie Constant Force Springs, Tinel Ring, Banding style
- Lower material cost than Banding Style termination
- Fast termination and therefore lower installation cost than other technologies
- Ease of repair

Connectors Business Unit

For our full product portfolio, in-house & local design support / distribution partners, visit: <http://www.ttelectronics.com/ab-connectors>