

# Fast Facts

## mag-Net® *Unleash Mobility*



TT Electronics mag-Net® connector series has been specifically designed for wearable electronic systems in harsh environments that require invisible power and data connectivity. mag-Net® is a ground-breaking, auto aligning, self-coupling connector solution that provides incredible ease-of-use and reliability.

mag-Net® meets and exceeds the performance requirements of the UK MoD General Soldier Architecture. By delivering the controlled power and data specified by the GSA spec, it can also help overcome the interoperability challenges faced by NATO.

### KEY APPLICATIONS

- Power and Data Management Systems
- Helmet Systems
- Weapon Systems
- Headset
- PDAs/Tablets
- Battery Systems
- Radio Communications
- Wearables

### MARKET SEGMENTS

- Soldier Systems
- First Responders
- Law Enforcement

### FEATURES

- Patent pending garment attachment system
- Sealed to IP68
- Patent pending plug to receptacle coupling design
- Meets and exceeds GSA requirements
- Direct connection from receptacle to equipment
- Flush fitting design
- Ultra light-weight, no-bulk design to maximise mobility

### OUR ADVANTAGE

- Automatic one-handed mating
- Flush-flat receptacles completely eliminates the risk of dangerous snagging
- Encourages cable-less systems
- Mechanical latching with no moving parts
- Versatile backshell for various cable designs such as multicore, flat, ribbon cables or E-Textiles
- Sewable garment cage for the most robust installation to wearable garments

For our full product portfolio, in-house & local design support / distribution partners, visit:

[www.ttelectronics.com/connectors](http://www.ttelectronics.com/connectors)