



APPLICATION NOTE

SOLDIER SYSTEMS

TT Electronics designs and manufactures leading edge connectivity solutions for soldier-borne electronic systems. This includes three new product developments: Miniature MIL-DTL-38999 MABAC series, miniature push pull connector Mil-PP and a new ground breaking magnetic connector, mag-Net®.

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

www.ttelectronics.com/connectors



MIL-PP

Ultra-lightweight Push-pull

- Very robust for in theatre field use
- Excellent weight savings
- Very high density contact arrangements
- High speed data compatible inc USB and ethernet
- Fully immersion proof, and sealed to IP68
- Improved key way system, for easy blind mate



MABAC

Micro Circular Threaded and Bayonet

- Coupling systems as 38999 series 1 & 3
- Integrated backshell
- MIL 39029 crimp contacts (#22 & #26)
- Plating finishes as per MIL 38999
- 100% scoop proof
- Smallest solution providing real 38999 performance



mag-Net®

Magnetic Textile Mounting

- Auto-aligning, self-coupling, mechanical latching
- Allows direct connection of equipment to garments
- For power and high-speed data transmission
- Ultra-lightweight
- Fully environmentally sealed mated and un-mated
- Flush flat receptacles with abrasion resistant design
- Specifically designed for garment mounting; to vests or load carriage systems

