



POLAMCO - INTERCONNECT SOLUTIONS WORLDWIDE

Polamco offer a wide range of Backshells and Connectors that have been designed specifically with the Military market in mind. Our extensively ruggedised and sealed options provide safe and secure solutions in the most demanding of environments.

Each style is available in a wide variety of materials and plating finishes such as Aluminium with Cadmium olive drab plating, Marine Nickel Aluminium Bronze and Passivated Stainless Steel so that the connector can be tailored to meet your specific application. We also stock a full range of RoHS plating, including NPTFE and ZNNI. For a full list please visit the Materials and Plating section of our website.

CIRCULAR BACKSHELLS CONNECTORS RECTANGULAR BACKSHELLS ACCESSORIES



TINEL™ RING BACKSHELLS



- ▶ Low-profile screen termination by heat shrink memory metal ring
- ▶ Pre-terminated screenbraid sock version available
- ▶ Sealing and strain relief of backshell by heat shrink boot

HIGH POWER CONNECTOR



- ▶ 38999 Series III Derived range
- ▶ Range of shell sizes
- ▶ 1000 Amps current rating
- ▶ Thread Termination for Bus Bar & Cable Lugs
- ▶ Multiple key-way orientations
- ▶ High vibration

EN3660 BACKSHELLS



- ▶ EMC Backshells fitting EN2997, EN3645 Connectors
- ▶ New standard for 62-65 Series published in 2014
- ▶ Replacement of ASNI specification

VG BACKSHELLS



- ▶ Backshells in accordance with VG95319-1011
- ▶ Sealing and strain relief of backshell by heat shrink boot
- ▶ Optional conduit insert for VG-style conduit

MAGNETIC CONNECTOR



- ▶ User friendly self-mating magnetic interface
- ▶ 3.5kg straight pull break force
- ▶ Sealed for harsh environments
- ▶ Perform as standard N-Type connectors
- ▶ 38999 Derived and miniature platforms

USB MEMORY STICK



- ▶ Ruggedised USB Memory Stick
- ▶ 38999 Derived design
- ▶ High integrity memory
- ▶ Available in different capacities
- ▶ Increased storage and operation temperature
- ▶ Integrated dust cap stowage

VG CONNECTORS



- ▶ First company to achieve certification for rugged RJ45 connectors to VG96938
- ▶ Requires perfect CAT6 level data transmission while exposed to high vibration, shock and moisture
- ▶ Other options (orientations, keyways, materials, etc) can be specified using Polamco part numbers

PCB SUPPORT BACKSHELL



- ▶ Backshell adding filtering to non filtered plug
- ▶ High vibration applications
- ▶ Lower cost retrofit option
- ▶ PCB design can be modified to optimise filtering

CONDUIT SOLUTIONS



- ▶ Wide range of conduit types available
- ▶ Various metallic and non-metallic options
- ▶ Any connector interfaces
- ▶ Junction boxes
- ▶ Transitions
- ▶ Extender adaptors