

Waterproof



Low profile



PCB mounting



EMI performance



IGUANA

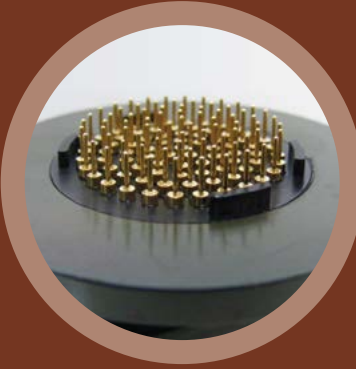
Mil-DTL-38999 style connectors in a sealed interface from Amphenol UK

The Iguana series of PCB mounting connectors from Amphenol UK combines the traditional benefits of series III Mil-DTL-38999 with the technology required to achieve a low profile, barrier sealed solution. Iguana has a unique multi-sealed configuration which provides an effective barrier against ingress of moisture and dust even in the unmated condition.

Compatible and intermateable with standard series III Mil-DTL-38999 product, Iguana offers the perfect solution for the ground system market where IP68 levels of sealing are required.



Amphenol[®]



Features

Standard Mil-DTL-38999 interface

IP68 barrier sealed interface

Fully pre-loaded with PCB contacts

Optional pre-tinned contacts

Reduced diameter flange on jam nut connectors

Range of mil spec compliant materials and plating finishes including Black Zinc Nickel

Moulded integral PCB stand-offs

Optional grounding posts

Optional pintail contacts at standard lengths

Removal of unnecessary cable termination features of standard Mil-DTL-38999 connectors

RoHS compliant

Benefits

Fully intermateable and interchangeable with existing Mil-DTL-38999 series III product

No need to change panel cut-out or cable connectors

A high degree of sealing to protect against dust and water ingress in both mated and unmated conditions

Saves time and cost to load contacts

Ensures correct contact insertion and alignment

Saves time and cost in assembly

Allows greater connector density on units

Space and weight saving

Functional, mechanical, electrical, galvanic and aesthetic compatibility with existing interconnect systems

Weight saving compared to standard hermetic product

Provides positive PCB stand-off positioning for ideal solder joint geometry, wash down and inspection

Superior grounding EMI performance

Provides mechanical interface to PCBs

Allows rapid and accurate integration of PCBs and flex circuits

Removal of accessory thread and serrations reduces penetration into the box or panel

Space and weight saving

Meets the industry requirements to restrict the use of hazardous substances