

Title (en)
High performance MIL-C-26500 and ARINC connectors

Title (de)
Steckverbinder MIL-C-26500 und ARINC mit hoher Leistung

Title (fr)
Connecteurs MIL-C-26500 et ARINC à haute performance

Publication
EP 0913888 A2 19990506 (EN)

Application
EP 98203676 A 19981030

Priority
US 96094297 A 19971030

Abstract (en)
An improved MIL-C-26500 and ARINC type electrical connectors having improved environment resisting wire sealing webs, a hard dielectric face socket insert to detect splayed or bent pins, and a controlled configuration of contact retention clips providing improved electrical performance, easy insertion and removal of contacts and improved assembly, serviceability and maintainability. Additionally, the Mil-C-26500 receptacle circular connector having a set of ground wave springs assembled on the receptacle connector flange to assure a secure ground path on electrically bonded connectors. Furthermore, an ARINC type connector having modularly arrayed insert and a bayonet coupling mechanism. Coupling means includes an axially directed dowel pin member associated with a rotatable locking pin on the plug connector shiftable into a retentive position on the closed ends of receiving ramp grooves formed inside a helical socket on the receptacle connector. Consequently, an indicating means provides a visual examination for a fully coupled plug and receptacle rectangular connectors. <IMAGE>

IPC 1-7
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IPC 8 full level
H01R 13/533 (2006.01); **H01R 13/52** (2006.01); **H01R 13/622** (2006.01); **H01R 13/645** (2006.01)

CPC (source: EP)
H01R 13/5221 (2013.01); **H01R 13/622** (2013.01); **H01R 13/645** (2013.01)

Cited by
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