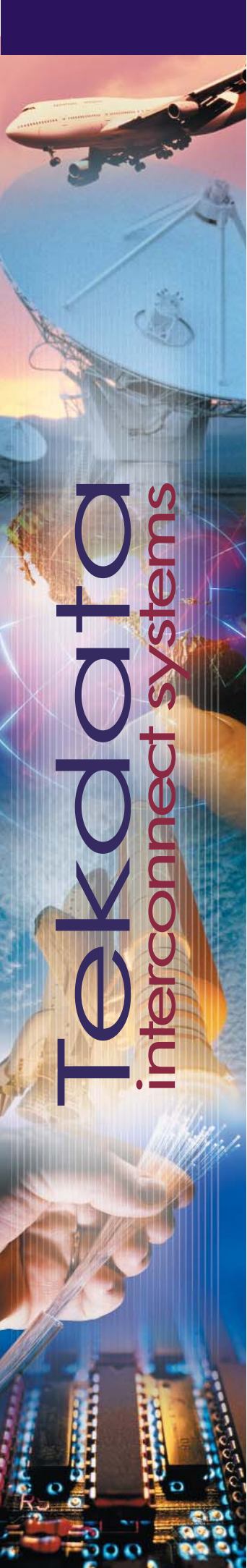


From concept to production, Tekdata design, model, prototype and produce a wide variety of custom specials, from programmable patient interconnects to hermetically sealed connectors.





Tekdata interconnect systems

Tekdata interconnect systems

Specialised Interconnect

A kit of parts for programmable interconnect, includes special mouldings, cast electrodes, crimps, jackscrews, and absorption ferrites.

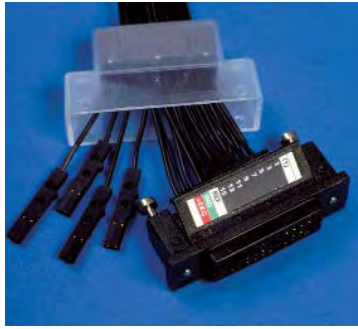
Electrodes are cast in silver and plated in 23 carat gold



Crimps are terminated to a low loss carbon coated wire (after removal of the microphonic layer).

Over moulding of the crimps creates a 2 way individual connector.

The 2 way connectors are 'blocked' into a main housing, the ferrites fitted to create a hardware format that monitors patients specifically.



APPLICATION	TEKDATA'S SOLUTION
A 'PROGRAMMABLE' CONNECTOR FOR MEDICAL ELECTRODES	Tekdata have designed a unique housing which allows varying electrodes to be plumbed in to offer individual and accurate patient monitoring. A special electrode in cast silver was designed and out-sourced.
HERMETIC SEALED LOW INSERTION FORCE INTERCONNECT	Using specialised moulding techniques, Tekdata designed a compression wafer and sealing system that can withstand immersion in salt water.
'QUART IN PINT POT' CABLE RESTRICTIONS IN A 'BLACK BOX'	A 'bridge' to allow cables to route without damage from vibration gives consistency to an awkward wire packaging problem.
SEE ALSO	Advanced Cabling Systems.

www.tekdata-interconnect.com

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