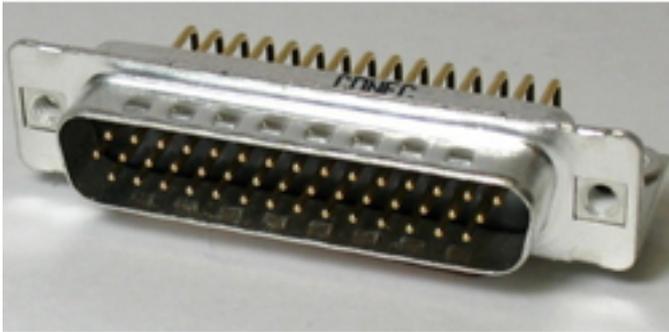


Connectors ideal for medical applications



GARNER, N.C., March 1, 2011 - CONEC has enhanced its I/O connectors for use in areas with high magnetic fields by ensuring the connectors' own non-magnetic properties by replacing the usual steel shells and hardware with tin-plated brass and making the brackets of diecast zinc. The non-magnetic D-Sub I/O connector is ideal for medical imaging systems and other medical applications because magnetic interference can severely compromise the observations as reported by doctors to patients.

"Typically, D-Sub I/O connectors used steel-stamped housing and steel hardware for the various configurations which can result in a magnetic attraction," said Peter Persico, technical support specialist for CONEC. "By using copper alloy shells, tin-plated brass hardware components like screws or threaded rivets and diecast zinc brackets, this new connector is now completely non-magnetic. The connectors are utilized in a lot of medical equipment since it requires non- to low-magnetic components in order to maintain the integrity of the imaging."

CONEC offers the revised non-ferrous materials in all of the D-Sub connector families including high-density, standard and EMI filter connectors that are also widely used in medical imaging systems.

Non-magnetic D-subs are available in standard densities of 9 through 50 positions, in solder cup and pc tail versions. High-density D-subs in the product line include sizes from 15 to 78 positions, also in solder cup and pc tail versions. Combination D-subs are available in 21 standard arrangements. EMI filter connectors are also available with this non-magnetic capability. Current ratings are from 5 to 40 amps, depending on the base connector chosen.

For more information, visit www.conec.com [1]; email info@conec.com [2]; or call

Connectors ideal for medical applications

Published on Electronic Component News (<http://www.ecnmag.com>)

919-460-8800.

Source URL (retrieved on 12/25/2014 - 8:16am):

<http://www.ecnmag.com/products/2011/03/connectors-ideal-medical-applications>

Links:

[1] <http://www.conec.com>

[2] <mailto:info@conec.com>