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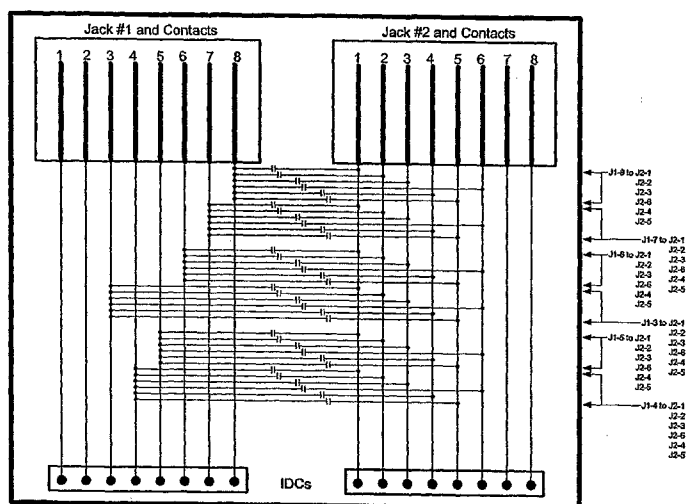
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[Continued on next page]

(54) Title: METHODS AND SYSTEMS FOR COMPENSATING FOR ALIEN CROSSTALK BETWEEN CONNECTORS



(57) Abstract: The present invention relates to methods and systems for minimizing alien crosstalk between connectors. Specifically, the methods and systems relate to isolation and compensation techniques for minimizing alien crosstalk between connectors for use with high-speed data cabling. A frame can be configured to receive a number of connectors. Shield structures may be positioned to isolate at least a subset of the connectors from one another. The connectors can be positioned to move at least a subset of the connectors away from alignment with a common plane. A signal compensator may be configured to adjust a data signal to compensate for alien crosstalk. The connectors are configured to efficiently and accurately propagate high-speed data signals by, among other functions, minimizing alien crosstalk.

The 64 possible combinations are:

J1-1 to J2-1 J1-2 to J2-1 J1-3 to J2-1 J1-4 to J2-1 J1-5 to J2-1 J1-6 to J2-1 J1-7 to J2-1 J1-8 to J2-1
J1-1 to J2-2 J1-2 to J2-2 J1-3 to J2-2 J1-4 to J2-2 J1-5 to J2-2 J1-6 to J2-2 J1-7 to J2-2 J1-8 to J2-2
J1-1 to J2-3 J1-2 to J2-3 J1-3 to J2-3 J1-4 to J2-3 J1-5 to J2-3 J1-6 to J2-3 J1-7 to J2-3 J1-8 to J2-3
J1-1 to J2-4 J1-2 to J2-4 J1-3 to J2-4 J1-4 to J2-4 J1-5 to J2-4 J1-6 to J2-4 J1-7 to J2-4 J1-8 to J2-4
J1-1 to J2-5 J1-2 to J2-5 J1-3 to J2-5 J1-4 to J2-5 J1-5 to J2-5 J1-6 to J2-5 J1-7 to J2-5 J1-8 to J2-5
J1-1 to J2-6 J1-2 to J2-6 J1-3 to J2-6 J1-4 to J2-6 J1-5 to J2-6 J1-6 to J2-6 J1-7 to J2-6 J1-8 to J2-6
J1-1 to J2-7 J1-2 to J2-7 J1-3 to J2-7 J1-4 to J2-7 J1-5 to J2-7 J1-6 to J2-7 J1-7 to J2-7 J1-8 to J2-7
J1-1 to J2-8 J1-2 to J2-8 J1-3 to J2-8 J1-4 to J2-8 J1-5 to J2-8 J1-6 to J2-8 J1-7 to J2-8 J1-8 to J2-8



FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO,
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