Edgecard Connector Series Features Parts with Temperature Ratings of From 125°C to 175°C

Sullins Electronics, Corp. expanded its portfolio of edgecard connectors to include a cantilever edgecard connector series engineered to provide high performance, low cost connections on 0.100” (2.54 mm) or 0.156” (3.96 mm) centerline boards. Designed to mate with the plated fingers of a 0.062” ± 0.008” daughterboard, parts may be ordered rated to withstand +125°C, +150°C, or +175°C continual heat. These double-row connectors are available with either 0.370” or 0.400” wide insulators, and are supplied in right angle, card extender, and straight lead configurations, as well as in a large range of sizes to afford maximum design flexibility and manufacturing efficiencies. The UL94-0 rated devices feature selective gold plating or overall gold and a current rating of 3 A per pin. They are available in 6/12 through 70/140 dual positions on 0.100” centerline spacing, and with 6/12 through 43/86 dual positions on 0.156” centerline spacing. Supplied with a choice of standard thermoplastic polyester, PA9T, beryllium copper, or phosphor bronze contacts, the series features an insulation resistance of 5000 m? minimum, and a dielectric withstanding voltage of 600V DC (on 0.100” centerlines) and 1800V DC (on 0.156 centerlines). Connectors provide consistent insertion/withdrawal from part-to-part, and all-inclusive lot-to-lot with a low 8-ounce average insertion force, and a 1-ounce minimum withdrawal force per contact pair. A comprehensive selection of mounting styles, plating, and keying options, as well as customization is also available. They are suitable for use in communications systems, medical equipment, instrumentation, and automotive R&D. The high-temperature parts may be confidently specified for such applications as test and burn-in ovens.

Sullins Electronics, Corp
760-744-0125 , www.SullinsElectronics.com [1]

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