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SERIES K: PROTECTION AGAINST INTERFERENCE

ITU-T K.51 – Potential hazards of narrow pin spacing in connectors

ITU-T K-series Recommendations – Supplement 12



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Supplement 12 to ITU-T K-series Recommendations

ITU-T K.51 – Potential hazards of narrow pin spacing in connectors

Summary

Supplement 12 to ITU-T K-series Recommendations addresses narrow pin spacing in connectors with limited creepage and clearance dimensions but high-power loading, which can potentially make them susceptible to high impedance shorts between connector pins or arcing during the connecting/disconnecting mating cycle. These shorts and arcs can result in thermal and fire hazards for such high-power connectors and negatively impact overall system reliability.

History

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* To access the Recommendation, type the URL <http://handle.itu.int/> in the address field of your web browser, followed by the Recommendation's unique ID. For example, <http://handle.itu.int/11.1002/1000/11830-en>.

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