

INFLIGHT PERIPHERALS LIMITED

Test Results Sheet

Test Reference Number: 99/T/1023/001

Test Procedure: Straight Insertion/Extraction Test 99/T/JACKS/001 rev B

Description: IFPL Switching Jack (PCB mounted)

Type: Stereo Mono Dual Mono Triple

Part Number: 1023-000-1

Test Requirements

- 1 Minimum No. of insertions without malfunction 20,000
- 2 Electrical contact resistance not to exceed 0.2 Ohm

Test Conditions

Connector was mounted in motorised test jig TE005 with the connector supported on a PCB.

Initial contact resistance measured at 0.1 Ohm

Test plug was a stainless steel mandrel in accordance with IEC 60603-11

Number of cycles completed : 20,195

Failure mode

No failure

Loss of continuity Right channel Left channel Both

Damage to connector

General Comments

The socket under test withstood 20,195 continuous operations without significant wear or change in electrical characteristics.

No. of cycles	Comment
20,195	Contact resistance unchanged at 0.1 Ohm

Attachments:

Circuit diagram

Test set up drawing

Sketches of failure mode/s

Photographs of failure mode/s

Tester: G.Underwood

Date: 9th Aug 2000