SGS-THOMSON MICROELECTRONICS
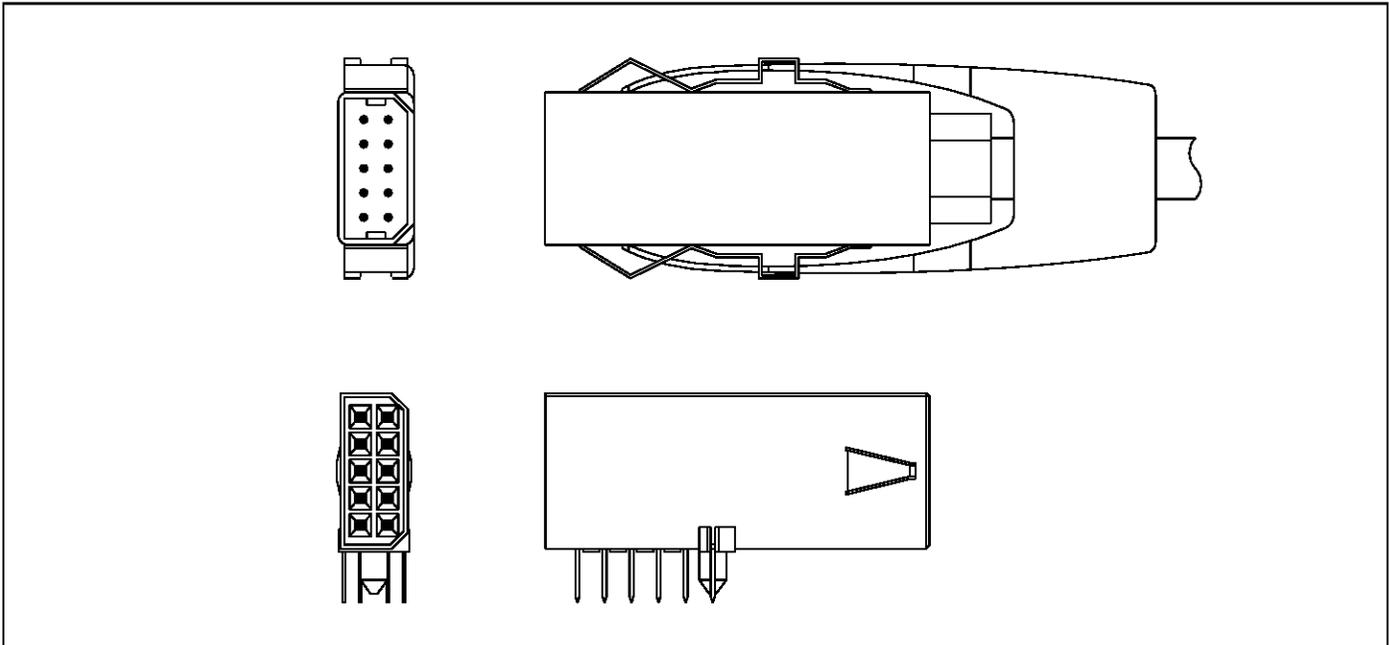
IMS CA90, IMS CA91, IMS CA92

DS–LINK CABLES AND CONNECTORS

FEATURES

- Compact PCB mounted DS-Link socket
- Single DS-Link connection per cable
- Complete signal screening
- Robust
- Latching plug and socket combination
- Smaller than any comparable connector

DESCRIPTION

The DS-Link connector standard has been introduced to ensure easy connection between equipment and systems based on this high performance serial communication specification.

A 10 way plug and socket system is used to support both differential DS-Link and system reset connections. This system consists of a cable-mounting male plug and a PCB-mounting female socket.

DS-Link cables consist of four shielded twisted pairs, which are then shielded overall. The same cables are suitable for both reset and DS-Link connections.

1.1   Introduction

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1.2   Product description

The DS-Link cable and connector products provide conveniently packaged combinations of components that can be used in conjunction with T9000 development systems and DS-Link evaluation kits.

The IMS CA90 provides a small number of DS-Link PCB mounted sockets for interfacing evaluation boards to DS-Link based systems or interfaces.

The IMS CA91 and IMS CA92 are packs consisting of three DS-Link plug terminated cable sets. These cables can be used to connect DS-Link based host interfaces to T9000 networks or DS-Link switching equipment.

1.3   Ordering information

Description	Order Number
IMS CA90. 10 x socket	IMS CA90-10
IMS CA91. 3 x0.5m cable	IMS CA91-3
IMS CA92. 3 x 2m cables	IMS CA92-3

Table 1.1   Ordering information

1.4   Manufacturer and distributor contact

If larger quantities of cables, plugs or sockets are required, please contact your local Harting Elektronik sales office or distributor directly.

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