



**ORTHODYNE[®]
ELECTRONICS**

Forming Strong Customer Bonds Since 1962

PRODUCT UPDATE

122707

01-25011-xx Wire Guide

December 27, 2007

01-25011-xx series wire guide aims to replace 01-25010-xx series improving the looping consistency and clearance



Introduction:

On a continuous mission to increase the quality of our equipment while maintaining low cost, Orthodyne Electronics is releasing a new and improved wire guide to replace and eventually obsolete the existing 01-25010-xx series wire guides that are used on ALC heads. 01-25011-xx is designed for improved performance in challenging applications, especially in smaller wire sizes, and any applications requiring better looping consistency or finer wire pitch.

Features:

The new 01-25011-xx series offers an innovative wire-path design that ensures an optimal wire position at which the wire is always pinched by the ALC wire clamps, unaffected by the wear of the guide. This eliminates small bends in larger sized wires caused by clamps pinching the wire further up the wire-path. In addition to obvious benefits of better ALC pull-test performance, reduced wear, and improved lifetime, an optimal wire path and improved wire clamping furthermore produce better controlled wire loops and improve long-term looping consistency. The new design also features reduced dimensions of the tip thus increasing the clearance for tooling clamps and other obstacles and allows for finer wire bonding pitch.

Application:

The 01-25011-xx series is used for the series 3600 and 7200 ALC heads. The newly designed series wire guide is a direct replacement for the 01-25010-xx series. The old 01-25010-xx series continues to be supported for the existing customers, who are advised to transition to the new design due to process benefits. For all the new customers, this is becoming the recommended wire guide. No hardware changes are required. Data Manager machine software Version 6.7 or higher is required for the new wire clamp software profiles. The wire guide employs the same color-coding for the wire sizes as the 01-25010-xx series. Distinguishing features allowing the visual recognition versus the previous design are a window through the front surface and a narrower tip.

OE Part Numbers:

01-25011-xx	ALC wire guide for 3600 and 7200 series machines.
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Contact your Orthodyne Representative for pricing and availability.