



UNDERWATER ELECTRICAL AND FIBER OPTIC CONNECTORS

## PRODUCT NEWS

### WET-CON, Micro WET-CON and Micro WET-CON Split Series Connector Enhancements

#### INTRODUCTION

As part of our continuous improvement process the SEA CON® Group consistently reviews its product ranges through both customer feedback and internal improvements. It is via these processes that SEA CON® identified a design enhancement to the WET-CON and Micro WET-CON connector ranges. This new design improvement has now been implemented not only across these two connector ranges, but also the new Micro WET-CON Split Series.

#### DESIGN FEATURES

The design change is associated with the Male Pin connectors only and has been introduced to improve and extend the life of the connectors by decreasing the stresses that are applied to the sealing interface between the male contact pin and the sealing rubber around the pin during the connectors mate and de-mate cycles.

The newly designed male contact has a "Lead in" as part of the contact pin itself which replaces the current rubber lead in. The introduction of the new pin removes any potential wear to the sealing interface between the male contact pin and the sealing rubber around the pin which may occur with many repeated make and breaks of the connector pairs. The new pin will maintain the full connector sealing properties and will provide a greater life expectancy of the connectors.

The incorporation of this design change to the Male Pin connectors will not affect the existing Female Socket connectors currently being used by SEA CON®'s customers and therefore full intermateability will be maintained. In addition, SEA CON® would also like to confirm that pricing will also not be affected.

#### TESTING

This new pin design concept has been fully tested and has been utilized in both the U-MATE and SEA-MATE connector ranges for a number of years.

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