



REBLING PLASTICS

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Attn: All users of 7007 (MS25182-2) connectors

Rebling Plastics recently built a new mold for plastic housing of the 7007 quick disconnect. This new mold incorporates one design change that affects the fastening of the two halves of the housing. In the previous design, the 10-32 screws were fastened with locking nuts. That nut was held in by a plastic washer that was ultrasonically welded to the housing. The plastic washer was only capable of withstanding a pushout force of 15 lb.

In order to improve this design, the locking nut has been replaced with molded-in threaded brass inserts. Also, a split washer has been added under the screw head to replace the locking feature of the nut, and the flat washer under the lock washer is thicker than before. This new design is more robust, with reduced potential for FOD. The only other change is the finish of the plastic.

The Navy (Crane Division) has tested parts from this new mold for mechanical shock, temperature shock, physical integrity at high temperature, salt fog, vibration, and torque. They passed these qualification requirements for MS25182-2.

The new design will take effect beginning with serial number 145575. From a user standpoint, the only change will be that we now recommend an installation torque of 15-20 in-lb for the screws that hold the housing together.

If you have any questions, please do not hesitate to contact us.

Regards,

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