

11/29/2022

Subject: Change to USCAR-12, Rev 6 (Revision Letter #6)

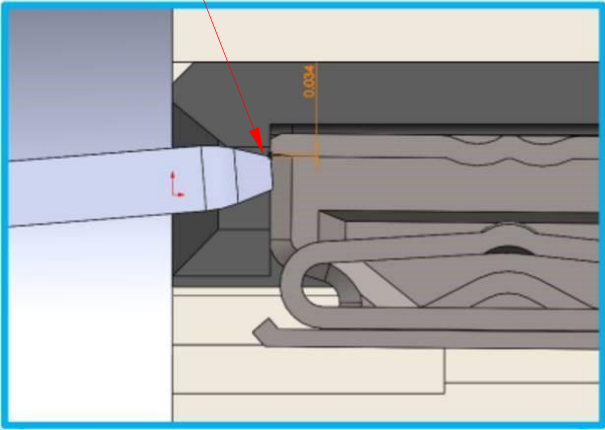
Changes have been made to the USCAR-12 specification. Comments and questions can be sent to EWCAP@uscar.org.

Situation:

Female terminal lead-in design was not described in USCAR-12.

Resolution:

Section C23 has been added with the information shown.

#	REQUIREMENT	CRITERIA
C23	<p>Receptacle terminal must have a lead-in that assures alignment of the blade, even in its worst case position (including angles). Mating blade terminal will enter the inside of the receptacle terminal without contacting the top of the blade or interfering with the side of the receptacle terminal.</p> <div style="border: 1px solid red; padding: 5px; margin: 10px auto; width: fit-content;"> <p>Lead-in assures blade will engage correctly. Shown is the least allowable lead-in.</p> </div> 	<p>CAD study of worst case (largest cavity) must show no incorrect interference of blade to top or inside of receptacle terminal. Confirm that the lead-in is at least as effective as shown in the graphic.</p>