DCR number       768       Changes required for: Qualification       Originator: Steve Jeffery         Date: 2013/03//5       Date sent: 2012/10/22       Originator: Steve Jeffery       Orginator: Steve Jeffery         Status: IMPLEMENTED       Implementation       Status: IMPLEMENTED       Implementation       Status: IMPLEMENTED         Title:       Past-Locking Screw Lock Assembles For Rectangular Connectors       3401/002 and       Implementation         Number:       3401/085       Implementation       Implementation       Implementation         Pages:       Figures and Paragraphs on the pages given above.       Implementation       Implementation         Proposed wording:       Implementation       Implementation       Implementation       Implementation         Yarious technical (see below), editorial and formatting changes are proposed to be made to the content of 3401/085 Issue 1       Implementation       Implementation         Proposed wording:       Implementation       Implementation       Implementation       Implementation       Implementation         Yarious technical (see below), editorial and formatting changes are proposed to be made to the content of 3401/085 Issue 1       Implementation       Implementation       Implementation         Yarious technical (see below), editorial and formatting changes are proposed to correct, and also augment, changes originally proposed in DCR 705: DCR 705: DCR 705: Intero		<b>ES</b> C	C	[	DC	CUMENT	CHANGE REQUEST		
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<ol> <li>3) Removal of Locking and Unlocking Forces test requirements from Chart IV (Groups I, II &amp; III) per Para. 4.2.4 and Chart V (LAT Levels 1 &amp; 2) per Para. 4.2.5.</li> <li>4) Inclusion of a Joint Strength test requirement in Chart IV (Group II) per Para. 4.2.4.</li> <li>5) Addition of a test reference for "Maximum Torque Application test" in Chart IV per Para. 4.2.4.</li> <li>6) LAT Level 1 testing is now applicable to 10 Fast-Locking Screw Lock Assemblies in addition to Mated Connector Sets) (originally was only applicable to LAT Level 2).</li> <li>7) Para. 4.3.4, Locking and Unlocking Forces: recording of the results is now required for Qualification and Final Production Tests.</li> <li>8) Para. 4.3.7, Clip Retention Inside Bushing, is now also applicable to Saver and Hybrid Saver Variants.</li> <li>9) Para. 4.3.7, Clip Retention Inside Bushing: the applicable force which shall be withstood is now 150N (was 20N).</li> <li>10) Wiring (per ESCC 3401 Para. 9.10) is added to Table 6 (as No. 1).</li> <li>11) Table 6: Addition of "Coupling Nuts Unlocking Torque (if applicable)" as an Initial and Final Measurement of the Vibration Test.</li> <li>12) Table 6, Endurance: Mated Lock Conductivity is replaced by Low Level Contact Resistance during Initial Measurements</li> </ol>	2) Inclusion of a Plating Thickness test requirement in Chart IV (Group I) per Para. 4.2.4 and Chart V (LAT Level 1) per								
<ul> <li>6) LAT Level 1 testing is now applicable to 10 Fast-Locking Screw Lock Assemblies in addition to Mated Connector Sets) (originally was only applicable to LAT Level 2).</li> <li>7) Para. 4.3.4, Locking and Unlocking Forces: recording of the results is now required for Qualification and Final Production Tests.</li> <li>8) Para. 4.3.7, Clip Retention Inside Bushing, is now also applicable to Saver and Hybrid Saver Variants.</li> <li>9) Para. 4.3.7, Clip Retention Inside Bushing: the applicable force which shall be withstood is now 150N (was 20N).</li> <li>10) Wiring (per ESCC 3401 Para. 9.10) is added to Table 6 (as No. 1).</li> <li>11) Table 6: Addition of "Coupling Nuts Unlocking Torque (if applicable)" as an Initial and Final Measurement of the Vibration Test.</li> <li>12) Table 6, Endurance: Mated Lock Conductivity is replaced by Low Level Contact Resistance during Initial Measurements</li> </ul>	3) Removal of Locking and Unlocking Forces test requirements from Chart IV (Groups I, II & III) per Para. 4.2.4 and Chart V (LAT Levels 1 & 2) per Para. 4.2.5.								
<ul> <li>Tests.</li> <li>8) Para. 4.3.7, Clip Retention Inside Bushing, is now also applicable to Saver and Hybrid Saver Variants.</li> <li>9) Para. 4.3.7, Clip Retention Inside Bushing: the applicable force which shall be withstood is now 150N (was 20N).</li> <li>10) Wiring (per ESCC 3401 Para. 9.10) is added to Table 6 (as No. 1).</li> <li>11) Table 6: Addition of "Coupling Nuts Unlocking Torque (if applicable)" as an Initial and Final Measurement of the Vibration Test.</li> <li>12) Table 6, Endurance: Mated Lock Conductivity is replaced by Low Level Contact Resistance during Initial Measurements</li> </ul>	6) LAT Level 1 testing is now applicable to 10 Fast-Locking Screw Lock Assemblies in addition to Mated Connector Sets)								
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Vibration Test. 12) Table 6, Endurance: Mated Lock Conductivity is replaced by Low Level Contact Resistance during Initial Measurements	<ul> <li>9) Para. 4.3.7, Clip Retention Inside Bushing: the applicable force which shall be withstood is now 150N (was 20N).</li> <li>10) Wiring (per ESCC 3401 Para. 9.10) is added to Table 6 (as No. 1).</li> </ul>								
		dition of "Coupling	Nuts Unlocking	Torque (if ap	oplic	able)" as an Init	ial and Final Measurement of the		

F	SC	DOCUMENT	CHANGE REQUEST					
DCR number	768	Changes required for: Qualification	Originator: Steve Jeffery					
Date: 2013/03/05		Date sent: 2012/10/22	Organisation: ESCC Executive					
Status: IMPLEMENT	ED							
<ul> <li>13) Table 6, High Temperature Storage: Mated Lock Conductivity is deleted from Initial and Final Measurements.</li> <li>14) Removal of Locking and Unlocking Forces (No. 09) from Table 6.</li> <li>15) Joint Strength (per ESCC 3401 Para. 9.15) is added to Table 6 (as No. 09).</li> <li>16) Fast-Locking Screw Lock Retention on Shells (per Para. 4.3.6) is added to Table 6 (as No. 11).</li> <li>17) Maximum Torque Application (per Para. 4.3.3) is added to Table 6 (as No. 13).</li> <li>18) Clip Retention Inside Bushing (per Para. 4.3.7) is added to Table 6 (as No. 14).</li> </ul>								
Justification:								
The changes proposed are intended to correct technical errors, improve the format, clarity and readability of the specification, avoid confusion (naming convention) between specific testing and generic testing, and to reflect the manufacturer's existing ESCC-approved procedures and processes / testing programmes.								
Attachments:								
3401085_draft_2b.pdf, null								
Modifications:								
N/A								
Approval signature:								
R.C. Mari-9								
Date signed:								
2013-03-05								