



ADVANCED PERFORMANCE  
**Super ITS-921 Reverse-Bayonet**  
**Rigid Insert, High-Ampacity Connectors**  
**Connector Specifications**



Description	Requirement	Procedure																								
EMI Shielding Effectiveness		VG95234-1																								
Mating and Unmating Torque	<p>The mating and unmating torque of the connectors shall be measured. The bayonet slots shall be greased.</p> <table border="1"> <thead> <tr> <th rowspan="2">Shell Size</th> <th colspan="2">Admissible Torque Values</th> </tr> <tr> <th>Close and Open Nm max.</th> <th>Open Nm min.</th> </tr> </thead> <tbody> <tr> <td>24</td> <td rowspan="4">14</td> <td>0.8</td> </tr> <tr> <td>28</td> <td>0.9</td> </tr> <tr> <td>32</td> <td>1</td> </tr> <tr> <td>40</td> <td>1.5</td> </tr> </tbody> </table>	Shell Size	Admissible Torque Values		Close and Open Nm max.	Open Nm min.	24	14	0.8	28	0.9	32	1	40	1.5											
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Socket Contacts, Engagement and Separation Forces	<p>Socket contacts shall be tested in accordance with EIA-364-037. Contacts are permitted to be tested installed in the connectors.</p> <table border="1"> <thead> <tr> <th>Contact Mating End Size</th> <th>Min Separation Force (ounces) min Diameter SAE-AS31971 pin</th> <th>Max Average Engagement Force (ounces) Max Diameter SAE-AS31971 pin</th> <th>Max Average Engagement Force (ounces) Max Diameter SAE-AS31971 pin</th> </tr> </thead> <tbody> <tr> <td>16</td> <td>2</td> <td>33</td> <td>48</td> </tr> <tr> <td>12</td> <td>3</td> <td>56</td> <td>80</td> </tr> <tr> <td>8</td> <td>5</td> <td>N/A</td> <td>160</td> </tr> <tr> <td>4</td> <td>10</td> <td>N/A</td> <td>240</td> </tr> <tr> <td>0</td> <td>15</td> <td>N/A</td> <td>320</td> </tr> </tbody> </table>	Contact Mating End Size	Min Separation Force (ounces) min Diameter SAE-AS31971 pin	Max Average Engagement Force (ounces) Max Diameter SAE-AS31971 pin	Max Average Engagement Force (ounces) Max Diameter SAE-AS31971 pin	16	2	33	48	12	3	56	80	8	5	N/A	160	4	10	N/A	240	0	15	N/A	320	MIL-DTL-5015H
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SUPER ITS: HARSH ENVIRONMENT

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