



Date: 11/1/2018  
Subject: Change to SAE/USCAR-17, Rev 5 (Letter #2)  
To: Users of USCAR-17

This letter describes a pending update to SAE/USCAR-17. Polarization Effectiveness 4.2.3.3 Acceptance Criteria Note 1) added j. E & B

Comments and/or questions should be addressed to [EWCAP@uscar.org](mailto:EWCAP@uscar.org)

#### 4.2.3.3 Acceptance Criteria

1. For single contact SMB connection systems, the minimum mis-mating force to achieve center contact electrical continuity is 80N.
2. For multiple contact SMB connection systems, the minimum mis-mating force to achieve center contact electrical continuity is 100N.

#### DESIGN NOTES related to Polarization Criteria

1. It is known that certain key code combinations may not meet this requirement. Therefore, the combinations listed below should be avoided.
  - a. A & B
  - b. I & G
  - c. C & N
  - d. F & H
  - e. K & L
  - f. K & M
  - g. L & M
  - h. E & F
  - i. E & H
  - j. E & B