




DOCUMENT CHANGE REQUEST

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|---|--|---|--|-------------------------------|--|--|--|
| DCR number | | 1650 | | Changes required for: General | | Originator: Steve Thacker | |
| Date: 2024/05/21 | | | | Date sent: 2024/04/02 | | Organisation: ESCC Executive Secretariat | |
| Status: IMPLEMENTED | | | | | | | |
| Title: | | RF Electromagnetic Relay,Latching, SMT, Micro-SPDT, Break-Before-Make, Low Power, DC TO | | | | | |
| Number: | | 3603/007 | | Issue: | | 1 | |
| Other documents affected: | | | | | | | |
| | | | | | | | |
| Page: | | | | | | | |
| See attached spec mark-up | | | | | | | |
| Paragraph: | | | | | | | |
| 2.3.1, 2.3.2, 2.5, new Appendix A | | | | | | | |
| Original wording: | | | | | | | |
| See issue 1 | | | | | | | |
| Proposed wording: | | | | | | | |
| Radiall request the following changes; see attached spec mark-up for details: | | | | | | | |
| a. Amend the maximum limits for Pick-up voltage in Para 2.3.1 & 2.3.2 to be : Variant 01: 4.5V (was 5.1V) Variant 02: 9V (was 10.2V) | | | | | | | |
| b. Amend RF Leakage maximum limit in Para 2.5 to be: 0.5Ghz f < 8GHz: -40dBi (was: -50dBi min.) 8Ghz f < 15GHz: -20dBi (was: -50dBi min) 15Ghz f 32GHz: -30dBi (was: -50dBi min) | | | | | | | |
| c. Add a deviation in new Appendix A as follows: Items Affected: Para. 2.1.1, Deviations from the Generic Specification: Deviations from Production Control – Chart F2 | | | | | | | |
| Description of Deviations: Para. 5.2.2 Internal Visual Inspection Internal Visual Inspection may be replaced by the inspection of all component piece-parts during the assembly process, in accordance with Radiall inspection documentation. Note: Pre-Encapsulation Customer Source Inspection during assembly is not available. | | | | | | | |
| Justification: | | | | | | | |
| This DCR is raised on behalf of Manufacturer Radiall. | | | | | | | |
| Radiall wish to revise the ESCC specification with the appropriate characteristic details that reflect this component [a] & b)], as well as a correction reflecting their manufacturing process [c)]. | | | | | | | |

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| Attachments: |
| escc3603007iss_draft_2a_in_review.docx |
| Modifications: |
| N/A |
| Approval signature: |
|  |
| Date signed: |
| 2024-05-21 |