



DOCUMENT CHANGE REQUEST

DCR number 1180 Changes required for: General

Originator: Steve Jeffery

Date: 2018/11/01

Date sent: 2018/10/30

Organisation: ESCC Executive

Status: IMPLEMENTED

Title: Connectors Electrical Rectangular Microminiature, based on type MDM

Number: 3401/029

Issue: 15

Other documents affected:

Page:

47, 50, 51, 54.

Paragraph:

Figures 2.4 & 3; Paras. 2 & 4.4.6.

Original wording:

In Figure 2.4 (part of the table of dimensions): "Min Gold Plating Thickness (μm)" "0.5"

In Figure 3: One "CONTACT CENTRES" drawing, which only shows the contact spacing dimensions "a" and "b" for 2- and 3-row connectors.

In Para. 2 g) "QQ-W-343, Wire, Electrical, Copper (Uninsulated).

In Para. 4.4.6: "...in QQ-W-343, gold-plated in accordance with Class $\emptyset\emptyset$ Grade C or D as specified in MIL-DTL-45204 ..."

Proposed wording:

As highlighted, with comments, in the attached pdf file.

NOTE: This DCR is a supplementary editorial DCR for DCR1150, which already proposes many technical and editorial changes to ESCC 3401/029 Issue 15.

Justification:

Figure 2.4 & Para 4.4.6: The changes are proposed due to the fact that, since Issue 10 of the spec, there have been two different options (with different gold-plating thicknesses) for the material and finish of Insulated Solid wire. Additionally it is considered unusual to have plating thickness requirements contained in a Physical Dimensions Figure.

Figure 3: A drawing of the 100 Contact, 4-row connector type is required for completeness.

Paras. 2 & 4.4.6: Document QQ-W-343 was cancelled and officially replaced by A-A-59551 in Sept. 2000.

Attachments:

escc3401029iss15_proposed_editorial_changes_for_dcr.pdf

Modifications:

N/A

Approval signature:



Date signed:

2018-11-01