



DOCUMENT CHANGE REQUEST

DCR number 784 Changes required for: Qualification
Date: 2013/10/10 Date sent: 2013/04/03
Status: IMPLEMENTED

Originator: John Wall
Organisation: EEE Components
Quality & Reliability

Title: Connectors Electrical Rectangular Microminiature, based on type MDM

Number: 3401/029 Issue: 9

Other documents affected:

Page:

See attached

Paragraph:

See attached

Original wording:

See attached

Proposed wording:

See attached

Justification:

Addition of extra variants

Attachments:

figure_2.2l_gmr7590_9_37_position_receptacle_connector_data.jpg,
figure_2.2q_gmr7590_100_position_receptacle_connector_data.jpg,
figure_2.2v_gmr7580_100_position_plug_connector_data.jpg,
figure_2.2r_gmr7580_9_37_position_plug_connector_data.jpg,
figure_2.2s_gmr7580_9_37_position_receptacle_connector_data.jpg,
figure_2.2k_gmr7590_9_37_position_plug_connector_data.jpg,
figure_2.2u_gmr7580_51_&_69_position_receptacle_connector_data.jpg, dcr(2).pdf,
figure_2.2t_gmr7580_51_&_69_position_plug_connector_data.jpg,
figure_2.2p_gmr7590_100_position_plug_connector_data.jpg, s11131_contact_layout_page.jpg,

Modifications:

The drawings for new Figures 2.2K to 2.2W in the original DCR attachment are replaced by the individual drawings attached to this DCR.

The changes identified for Para 4.4.3.1, 4.4.3.2 & 4.4.6 shall be replaced by the following:

Para 4.4.3.1 shall be amended to read as follows:

4.4.3.1 Female Contacts

The contact body material and finish shall either be copper alloy with an underplate of 1µm minimum of copper to MIL-C-14550, gold plated with 1.27µm minimum of gold Type 2 Grade C of MIL-G-45204, or Type N2 with underplating in accordance with Para 3.3 note 3(b) of ESCC Basic Specification No. 23500. Measurement of thickness shall be performed at a distance of 1.5mm from the engagement end.

Para 4.4.3.2 shall be amended to read as follows:

4.4.3.2 Male Contacts

The contact body and the bundle material and finish shall either be copper alloy with an underplate of 1µm minimum of copper to MIL-C-14550, gold plated with 1.27µm minimum of gold Type 2 Grade C of MIL-G-45204, or Type M2 with underplating in accordance with Para 3.3 note 3(b) of ESCC Basic Specification No. 23500. Measurement of thickness shall be performed at a distance of 1.5mm from the engagement end.

Para 4.4.6 shall be amended to read as follows:

4.4.6 Uninsulated Solid Wire

Uninsulated solid wire material and finish shall either be copper alloy in accordance with Type S as specified in QQ-W-343, gold-plated in accordance with Class ØØ Grade C or D as specified in MIL-G-45204, or Type A14 (the thickness of the gold-plating shall be 0.25µm minimum) in accordance with ESCC Basic Specification No. 23500.

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Approval signature:



Date signed:

2013-10-10