



4.3.6 Female Contact Capability (Variants 02, 04, 06, 08, 10, 12, 14, 16)

For the purposes of this test, the pick-up and drop weights shall be as follows.

	Pick-up Weight	Drop Weight
Weight	567gr	85gr
Pin Diameter	3.63mm	3.58mm
Insertion Depth	3.17mm	3.17mm

4.3.7 Oversize Pin Exclusion

Not applicable.

4.3.8 Probe Damage Test

Not applicable.

4.4 MATERIAL AND FINISHES

The materials and finishes shall be as specified herein. Where a definite material is not specified, a material which will enable the contacts specified herein to meet the performance requirements of this specification shall be used. Acceptance or approval of any constituent material does not guarantee acceptance of the finished product.

4.4.1 Contact Body

The contacts shall be made of copper base alloy selected from raw materials with a minimum of impurities. The contacts shall be plated as specified in MIL-G-45204, Type II, Grade 'C', gold over copper in accordance with MIL-C-14550. Gold plating thickness shall be 1.27µm minimum over 1µm minimum of copper.

4.5 MARKING

4.5.1 General

The marking of all components delivered to this specification shall be in accordance with the requirements of ESCC Basic Specification No. 21700 and the following subparagraphs. These components being the too small to accommodate the marking as specified hereafter, the marking requirements in full shall accompany each lot of components in its primary package. Such marking shall comprise:-

- (a) The ESCC Component Number.
- (b) Traceability Information.
- (c) Quantity of Components.

4.5.2 The ESCC Component Number

Each component shall bear the ESCC Component Number which shall be constituted and marked as follows:-

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