

Wetting Balance Test Configuration

Lead free solder bath Tin, Copper, and Silver. Temperature 260°C. Speed 10.0, Depth 0.50 mm, Width 0.41 mm, Thickness 0.14 mm, Flux Alpha 100 non activating,

Wetting Balance Test Results – 5 samples from each were tested and average results were taken.

Conan Plugs – Time to pass zero force (0.292 seconds), Force after 2 seconds (0.21 mN), and the Force after 5 seconds (0.21 mN).

Conan Receptacles – Time to pass zero force (0.315 seconds), Force after 2 seconds (0.34 mN), and the Force after 5 seconds (0.34 mN).

Solderability Coverage

Conan Plugs – Parts appeared to have coverage >95%

Conan Receptacles – Parts appeared to have coverage >95%

Peel Strength Testing – all values are in pounds

Conan Plugs – Min. 2.34, Max. 4.59, Average 3.37, and Std. dev. 0.59

Conan Receptacles – Min. 4.53, Max. 6.55, Average 5.45, and Std. dev. 0.47

REVISION	COMMENTS	PAGE	DATE
1	Inserted new FCI logo	1	16 Jun 2006