

Test : HDB3 Heat Rise Testing

CLT

EWOM

T. Memo.

Test Purpose: Application of various Current Levels and their corresponding heat rise

3457

C12216

T10-086

Test: Circuit Diagram Details

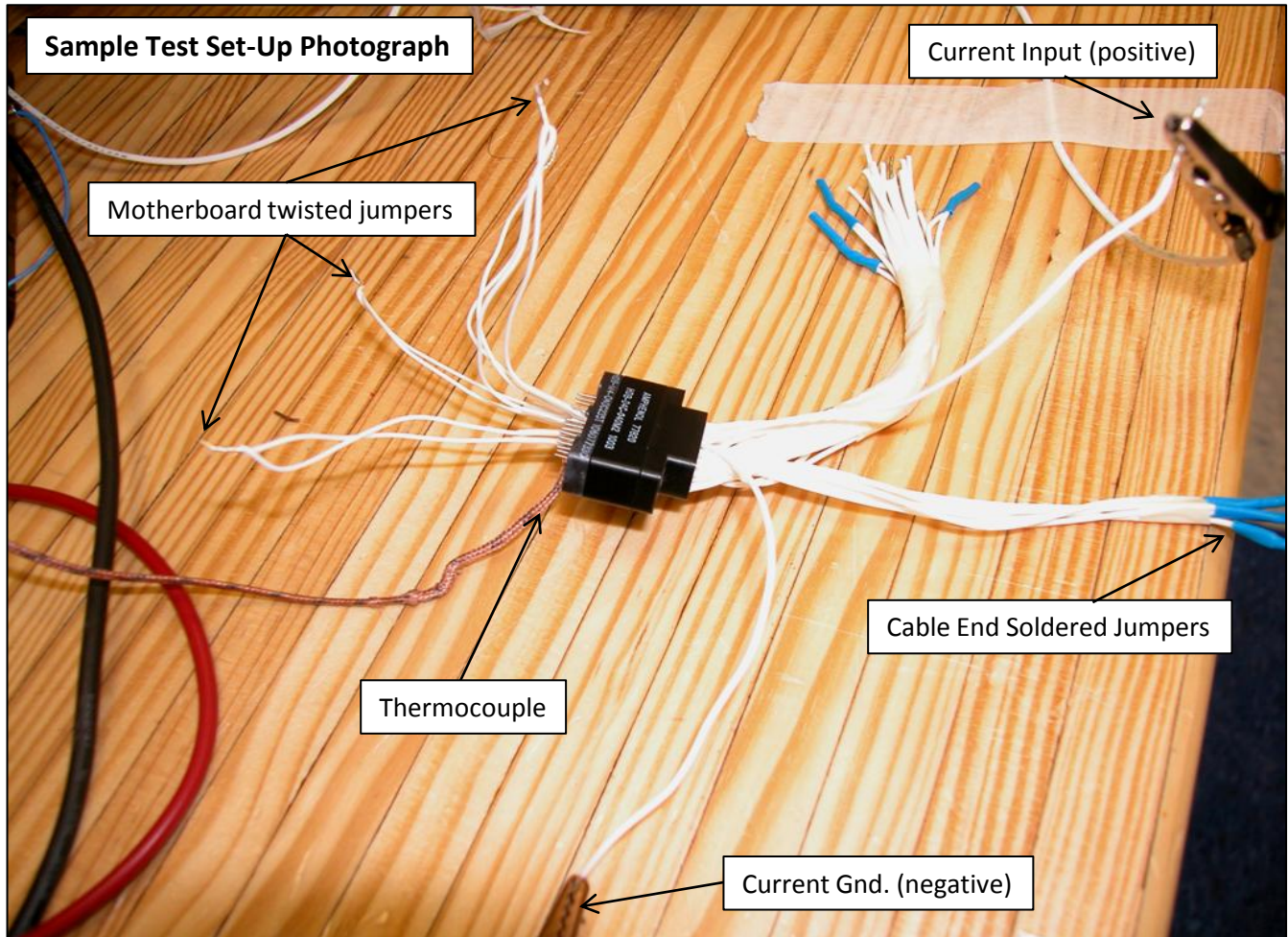
Temp

R.H.

ECL

80°F

45%



Tested by: James Vredenburgh

Approved

Witnessed :

Page

Date: 8/24/2010

Date

Date:

X

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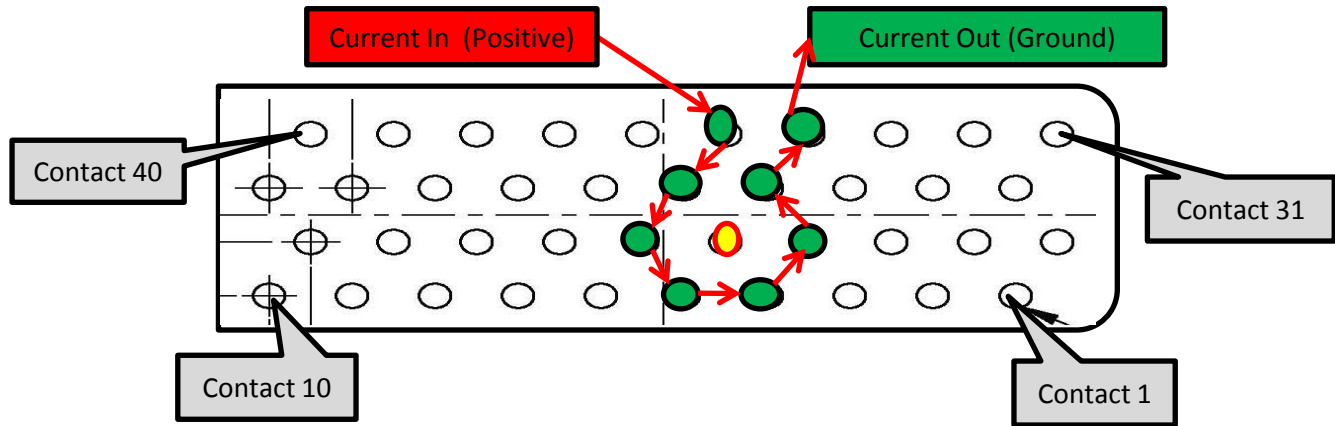
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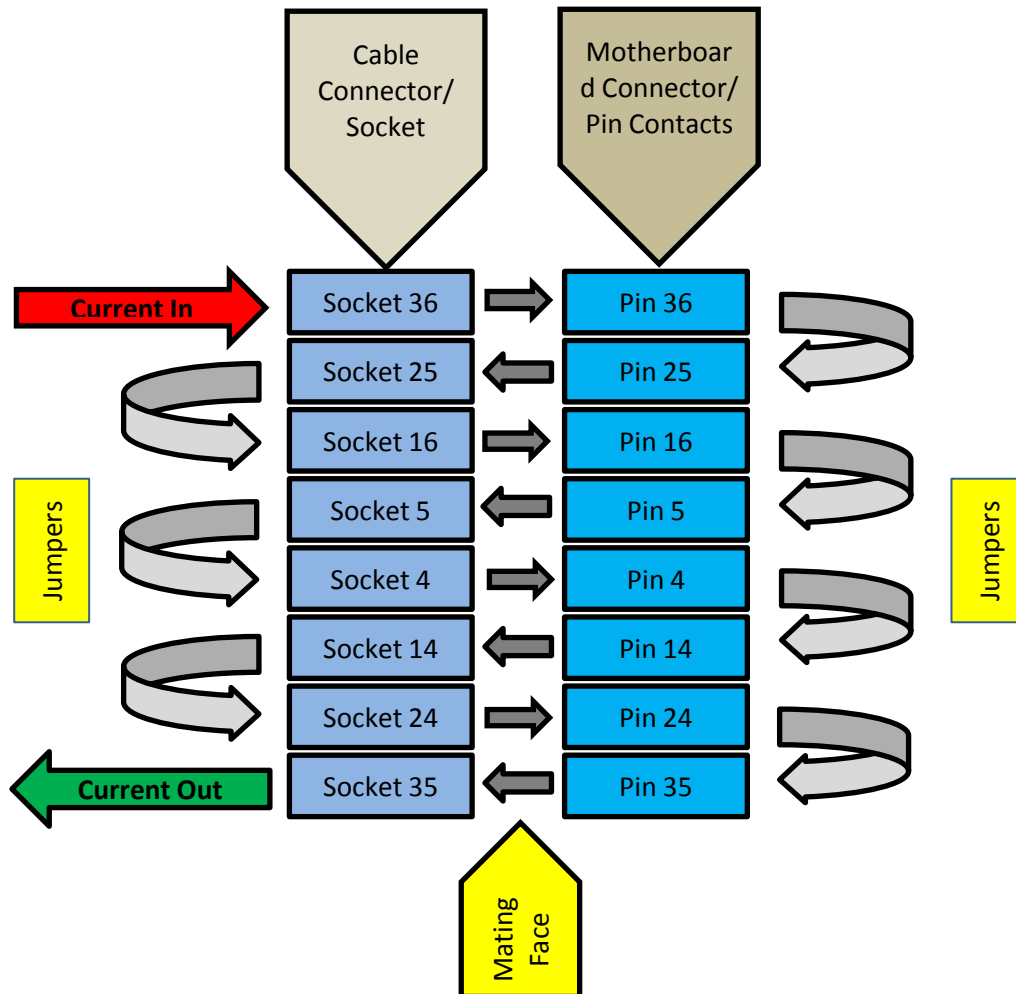
ECL

HDB-M4-040C235X: Motherboard connector with Brush Pin Contacts: Mating Face View



Simplified Circuit Wiring Diagram

Motherboard Connector: HDB-M4-040C235X with Pin Brush Contacts
 Cable Connector: XPHDB-D4C-040M2 with Socket Brush Contacts



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Approved

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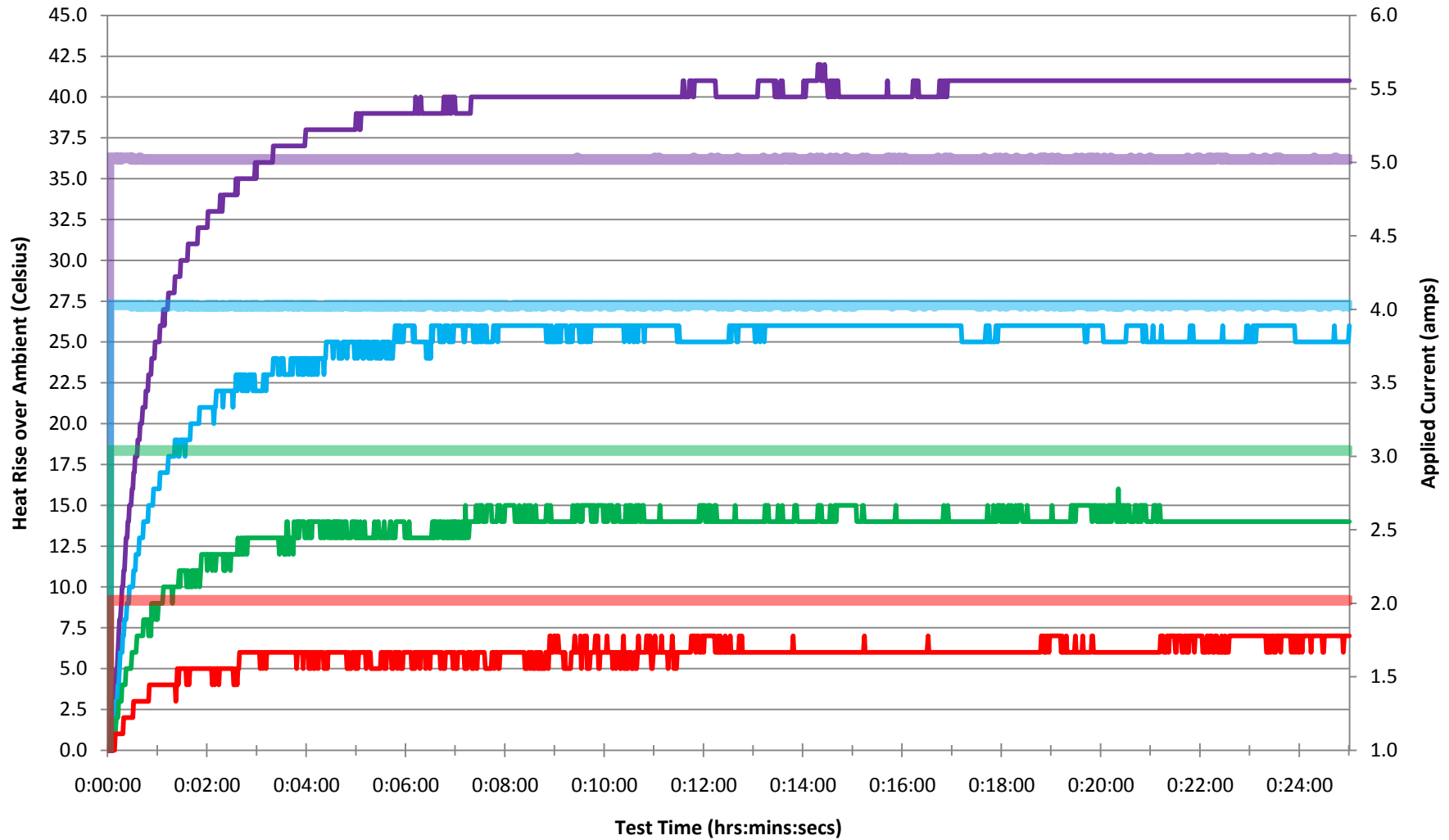
Date: 8/24/2010

Date

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Y

HDB3 Mated Pair Heat Rise Graph of 8 adjacent Contacts in Series with Applied Currents of 5,4,3 & 2 amps



Δ Temp at 5 amps Δ Temp at 4 amps Δ Temp at 3 amps Δ Temp at 2 amps
Current at 5 amps Current at 4 amps Current at 3 amps Current at 2 amps