



Product Change Notification

Trenz Electronic TE0140-04 series

Notification Title

New B2B (board-to-board) interconnect for Trenz Electronic TE0140-04 series.

Notification Type

Design change.

Notification Entity

minor change	major change
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Products Affected

- Trenz Electronic TE0140-04
- Trenz Electronic TE0140-04B
- Trenz Electronic TE0140-04B5
- Trenz Electronic TE0140-04L

Description of Change(s)

Change 1)

The following table lists the recommended replacement parts against the corresponding current parts.

current parts	replacement parts
two bottom module board-to-board connectors Wieson 4297 80 pins 5 mm stacking height (3.5 mm contributed height) (Trenz Electronic item number 22568)	two bottom module board-to-board connectors ASE 50110-080 x 1-001 (1.4 mm contributed height) (Trenz Electronic item number 24264).
mating board-to-board connectors Wieson 2852 80 pins (1.5 mm contributed height) (Trenz Electronic item number 22394)	mating board-to-board connectors ASE 50103-080 x 1-001 (3.4 mm contributed height) (Trenz Electronic item number 24265)

Change 2)

The two top module board-to-board connectors are no longer assembled by default.

Reason for Change(s)

Change 1)

Current board-to-board connectors have become obsolete.

Change 2)

Most customers do not need two top module board-to-board connectors.

Impact

Change 1)

The following table lists the recommended replacement parts against the corresponding current parts.

current parts	replacement parts
Trenz Electronic TE0140-04	Trenz Electronic TE0140-04 A
Trenz Electronic TE0140-04B	Trenz Electronic TE0140-04 BA
Trenz Electronic TE0140-04B5	Trenz Electronic TE0140-04 B5A
Trenz Electronic TE0140-04L	Trenz Electronic TE0140-04 LA

The stacking height of the obsolete connector pair is 5.0 mm.

The stacking height of the recommended connector pair is 4.8 mm.

The recommended module connector can be mated with the obsolete mating connector providing a staking height of 2.9 mm.

The obsolete module connector can be mated with the recommended mating connector providing a staking height of 6.9 mm.

Footprints of obsolete connectors are compatible with footprints of recommended connectors, and the other way round.

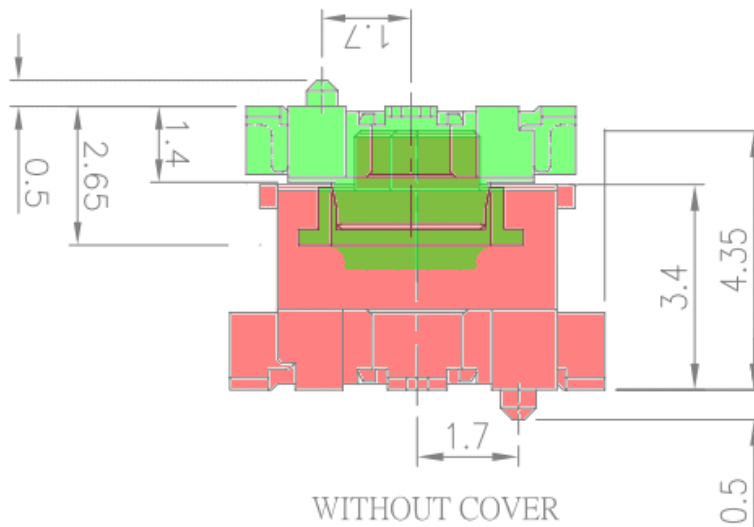


Figure 1: connector mating profile

Change 2)

Recommended modules are no longer stackable by default.

Proposed Countermeasures

Change 1)

Customer starting new designs shall order the recommended replacement parts.

Customer upgrading their existing designs can order the recommended replacement parts taking into account new resulting stacking heights.

Change 2)

Customer requiring modules with two top module board-to-board connectors shall contact Trenz Electronic.

Expected Availability Date

End of October 2011.

PCN Representative

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