



Product Change Notice (PCN)

Date: 12/8/2017

PCN Number: PCN-0920070R-01

To Our Customers:

We appreciate your use of our products. Our commitment in maintaining and improving processes is demonstrated by plans to enhance our product quality, reliability, and manufacturability. The purpose of this notice is to inform you of a product change.

Product(s) Affected: CP35347, CP35447, CP40347, CP40447, CP50341, CP50441, CP70337, CP70437, CP12437

Reason(s) for Change: Upgrade performance and lifetime of Peltier products.

Description of Change: Upgrading 9 existing peltier modules to include CUI's trademarked arcTEC Structure design. This will guarantee long lifecycle, quick thermal cycles, and overall higher performance of these products. Products and specs affected by this upgrade are shown in the table below. Performance curves will be adjusted on datasheets.

| CUI P/N | New Δt_{max} (Th=27°C) | New Δt_{max} (Th=50°C) | New Solder Melting Point | New Module Height (mm) |
|----------------|--|--|-------------------------------------|-----------------------------------|
| CP35347 | 70 | 77 | 235 | Unchanged |
| CP35447 | 70 | 77 | 235 | 4.65 |
| CP40347 | 70 | 77 | 235 | 4.6 |
| CP40447 | 70 | 77 | 235 | 4.6 |
| CP50341 | 70 | 77 | 235 | 4 |
| CP50441 | 70 | 77 | 235 | 4 |
| CP70337 | 70 | 77 | 235 | 3.7 |
| CP70437 | 70 | 77 | 235 | 3.7 |
| CP12437 | 68 | 75 | 235 | 3.7 |

Affected Date Code: December 12th, 2017

Product Availability: Currently available

Additional Information: None

F-723-001

Revision: A



PCN Approval:

Operations/Quality

Sam Wood

Product Marketing

RU
