



Product Change Notice: 3M™ CF Card Header, CompactFlash™ Type I, Low Profile, Surface Mount

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To: 3M Electronic Solutions Division Global Copy List
3M Electronic Solutions Division Authorized Distributors
3M Electronic Solutions Division Customers

Product Change

3M is pleased to announce the addition of a RoHS compatible* product option to the 3M CF Hard Header, CompactFlash Type I, Low Profile Surface Mount family.

* "RoHS compliant" means that the product or part does not contain any of the following substances in excess of the following maximum concentration values in any homogeneous material, unless the substance is in an application that is exempt under RoHS: (a) 0.1% (by weight) for lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers; or (b) 0.01% (by weight) for cadmium. Unless otherwise stated by 3M in writing, this information represents 3M's knowledge and belief based on information provided by third party suppliers to 3M."

RoHS Compliant Part Number	Stock Number	Non-RoHS Equivalent	MOQ	BDP
N7E50-A516PK-30	JE-1503-4186-3	N7E50-A516VY-30	100	3.00
N7E50-C516PK-30	JE-1503-4187-1	N7E50-C516VY-30	100	3.00
N7E50-D516PK-30	JE-1503-4188-9	N7E50-D516VY-30	100	3.00
N7E50-D516PG-30	JE-1503-4193-9	N7E50-D516VU-30	100	3.15
N7E50-E516PK-30	JE-1503-4189-7	N7E50-E516VY-30	100	3.00
N7E50-F516PK-30	JE-1503-4190-5	N7E50-F516VY-30	100	3.35

The RoHS compatible offering consists of a Cu alloy contact, with Ni underplate. The wiping area is Au flash over PdNi. We offer two plating variations:

PK Plating Option

Wiping Area: Au flash over 20μ" PdNi
Tail Area: Au flash

PG Plating Option

Wiping Area: Au flash over 25μ" PdNi
Tail Area: Au flash

There is no upcharge for RoHS compliant materials vs. noncompliant products.

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In an effort to ease the impact of this rollout on our customers, we will not be discontinuing our noncompliant materials at this time. A further discontinuation will follow later this year. Our current schedule for the formal discontinuation of the noncompliant products is the end of 2005, though this timeline is subject to change.

Competitive Situation

According to available information, of the major connector suppliers, only Molex, Fujitsu and 3M currently offer a RoHS compatible CFI card header.

As of this publication, Tyco and AVX are not advertising a RoHS compatible offering.

Program Direction and Future New Products

RoHS qualification for our CFII products is underway now. We anticipate that release by the end of October.

Sales Support Materials – Specification Sheets

TS0747-14 and TS0765-09 are attached.

Ordering Information

The products are available now.

Lead Time

4 weeks.

Packaging

The product is available in tray format. Tape and reel packaging can be arranged on a case-by-case basis. Please contact your local marketing staff for further details.

Pricing and Samples

Pricing is listed above. There is no price increase due to RoHS compliance.

Samples of the PK plated versions will be stocked in the Columbia, Missouri, sample room. The PG plating option will not be stocked in the sample room.

Frequently Asked Questions

Q: How long do I have to get my customers switched to the RoHS compliant part?

A: There is still some time. As of this publication, we do not have a firm schedule for eliminating the original tin/lead plated product. Our current tentative target is the end of 2005. A separate discontinuation notice will be published in the future related to this activity.

Sufficient time will be allowed for customers to make the switch when we do decide to discontinue the non-RoHS version.

Q: Is this a drop in replacement to the old part?

A: Dimensionally, yes. The body molding and product design is the same. Only changes in materials were made to eliminate lead from the contact plating, and make the product compatible to lead-free reflow applications.

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Contact Information

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