

FCL COMPONENTS AMERICA, INC.

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TO : Sales Managers, Sales Representatives, Authorized Distributors and End Customers

FROM : Yuki (Kyle) Kakoiyama, Relay Engineering Manager

DATE : September 17th, 2026

Ref. No.: FCAI-RLPCN-20260917-01

TOTAL PAGES (INCLUDING THIS PAGE): 3

SUBJECT : FTR-C1 surface mount type relays lead finishing manufacturing process change

1. Summary:

FCL Component Ltd (FCL) would like to inform you of FTR-C1 series surface mount type relays lead finishing manufacturing process change.

2. Affected Part Numbers:

Please refer to section 5, on page 3, for the complete list of the target FTR-C1 series surface mount type relays.

3. Schedule:

From November 2026 production onward.

4. Description of the plan:

Change details:

This change is for purpose of keeping stable quality level.

Change is on the order of manufacturing process (Terminal pin cutting).

This will cause change of terminal pin edge appearance.

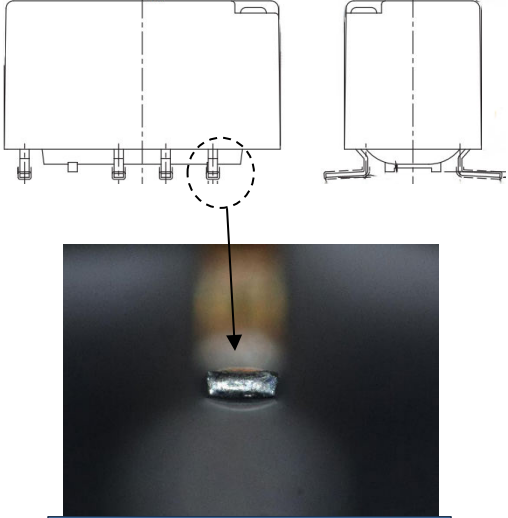
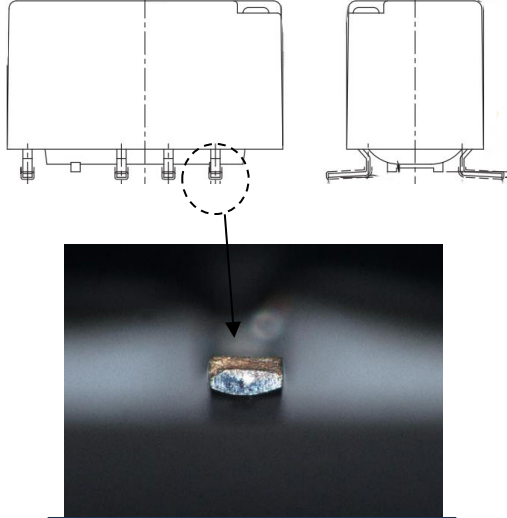
Change Impact:

* This change has no impact on Relay's electrical specifications and characteristics.

* This order of manufacturing process has already been adopted and validated in FTR-B3/B4 series relays. (FTR-B3/B4 relays are our signal relays that are very similar to FTR-C1 relays.)

* Although Copper is exposed to cutting surface on FTR-B3/B4 relays, no failure or issues have been reported ever since manufacturing started more than two decades ago, there is zero quality incident on this newly adapted structure for FTR-C1 surface mount type relays.

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	Current	After changed
Order of manufacturing process	[Sealing/Drying ~ Leak checking process] <pre> graph LR A[Adhesive bonding/drying] --> B[Heat riveting] B --> C[Terminal pin cutting] C --> D[Soldering] D --> E[Testing] E --> F[Marking] F --> G[Terminal pin bending] G --> H[Leak checking] </pre>	[Sealing/Drying ~ Leak checking process] <pre> graph LR A[Adhesive bonding/drying] --> B[Heat riveting] B --> C[Soldering] C --> D[Testing] D --> E[Terminal pin cutting] E --> F[Marking] F --> G[Terminal pin bending] G --> H[Leak checking] </pre>
Tip of terminal pin view (Image photo)	 Tip of terminal pin wholly soldered. *The shape shown in the photo above applies to all terminals.	 Copper exposed on cutting surface. *The shape shown in the photo above applies to all terminals.

*This change has no impact on relay's electrical characteristics and life performance (mechanical/electrical).

(Continue to the next page for Section 5)

5. Target FTR-C1 series

Relay series: FTR-C1 series

Type name (P/N)	Type name (P/N)	Type name (P/N)
FTR-C1GA003G	FTR-C1GA4.5G-B05	FTR-C1GB4.5G-AUT
FTR-C1GA003G-AUT	FTR-C1GA4.5G-B05-AUT	FTR-C1GB4.5G-B05
FTR-C1GA003G-B05	FTR-C1GB003G	FTR-C1GB4.5G-B05-AUT
FTR-C1GA003G-B05-AUT	FTR-C1GB003G-AUT	FTR-C1SA005G
FTR-C1GA005G	FTR-C1GB003G-B05	FTR-C1SA005G-AUT
FTR-C1GA005G-AUT	FTR-C1GB003G-B05-AUT	FTR-C1SA005G-B05
FTR-C1GA005G-B05	FTR-C1GB005G	FTR-C1SA005G-B05-AUT
FTR-C1GA005G-B05-AUT	FTR-C1GB005G-AUT	FTR-C1SA012G
FTR-C1GA005P-B05	FTR-C1GB005G-B05	FTR-C1SA012G-AUT
FTR-C1GA012G	FTR-C1GB005G-B05-AUT	FTR-C1SA012G-B05
FTR-C1GA012G-AUT	FTR-C1GB012G	FTR-C1SA012G-B05-AUT
FTR-C1GA012G-B05	FTR-C1GB012G-AUT	FTR-C1SB003G
FTR-C1GA012G-B05-AUT	FTR-C1GB012G-B05	FTR-C1SB003G-AUT
FTR-C1GA024G	FTR-C1GB012G-B05-AUT	FTR-C1SB005G
FTR-C1GA024G-AUT	FTR-C1GB024G	FTR-C1SB005G-AUT
FTR-C1GA024G-B05	FTR-C1GB024G-AUT	FTR-C1SB012G
FTR-C1GA024G-B05-AUT	FTR-C1GB024G-B05	FTR-C1SB012G-AUT
FTR-C1GA4.5G	FTR-C1GB024G-B05-AUT	FTR-C1SB4.5G
FTR-C1GA4.5G-AUT	FTR-C1GB4.5G	FTR-C1SB4.5G-AUT

Please notify FCL sales representative if you have any issues or questions on this PCN.

(End of notification)

Disclosure information:

This information shall not be disclosed or forwarded to other suppliers or distributed outside your organization without written approval from FCL Components America Inc.

Best regards,

Kyle Yuki Kakoiyama
408-745-4936 (Office) or 1-669-224-8647 (Cell)
kakoiyama.yuki@fcl-components.us

KFAI PCN/PTN TRACKING FORM

Date and Person Initiated Form	2026-09-17, Akio Nezu
PCN or PTN	PCN
KFAI PCN/PTN Number	2026-FCL-007
Supplier PCN/PTN Number	FCAI-RLPCN-20260908-01, FCAI-RLPCN-20260917-01
Supplier	FCL Components Ltd
Customer	(Multiple)
Part Number Affected	(Multiple - See the notification)
Date of Notification	09/17/2026
Last Time Buy Date	N/A
Last Time Buy Shipment	N/A
KFAI Sales Manager/Director	Akio Nezu
Customer Contact/email	(Per notification email)

Customer Comment: _____

Customer Signature: _____

PCN will follow the following timing:

- Customer(s) shall acknowledge receipt within 30 days after receiving the document
- Any concerns, sample order request or further information should be submitted within 30 days
- If additional time is required to determine if samples or additional data is required, the customer must submit this request along with the acknowledgement response and state when they expect to complete review
- Lack of acknowledgement within 30 days constitutes acceptance of the change
- After acknowledgement, lack of additional response within the 90 period constitutes acceptance of the change. If the customer requires additional time to perform sample testing beyond the 90 day period, an extension must be negotiated.

PTN will follow the following timing:

- Supplier to provide PTN to the customer(s) allowing a minimum of 6 months from the notice to place the final orders (last order date) and 12 months from the notice of the final shipment (last ship date).
- Lack of acknowledgment constitutes acceptance