TT Electronics

PRODUCT/PROCESS CHANGE NOTICE

Originator : CS Woon Signature: Date: 13/May/2026

PCN NO : D26022

Affected Model : HM00-07465BLFTR

Design / Material	☐
~~Process~~ / Method	✓
Machine / Equipment	☐
Site change	☐

Description of Change: Originator to fill up this section

(specify the propose change and tick on the categories box)

Change of Test Condition to have stable inductance value on final product.

[WAS]
10 kHz, **1V**

Current PO # 3828228 , 4200pcs - All unit with high inductance and pending for shipment.

Permanent Change	✓
Effectivity Date / PO :	Upon Customer approval
Temporary Change	☐
Effectivity Date / PO :	
Expire Date / PO :	
Quantity :	

[IS]
10 kHz, **50mV**

To Release current PO # 3828228 , 4200pcs with this condition and any future order.

Internal change only	☐
Notify to customer	☐
Any impact on forms, fits and functions of finished product?	
Yes	☐
No	✓

Reason for Change: Originator to fill up this section

(do not leave this section blank, specify the reason)

This model has inductance variation between core batches, so controls are needed to ensure the inductance remains within specification. However, for the current core batch, our trials still show inductance values higher than the target specification. According to feedback from the core supplier, 1V is the maximum test voltage. Testing at this voltage causes the inductance value after winding to become highly unstable. The core supplier recommends using a 50mV test condition instead, as it provides more stable inductance readings and helps to improve production yield.

Product Qualification: Originator to fill up this section

Qualification Performed? ☑ yes ☐ no

If Yes, please describe the type of qualification and attach necessary data.
If No, please provide the justification.

10 pieces of samples have been tested to verified against the electrical specifications.

The Test data for those 10 pieces is provided in this PCN.

Customer Approval. ☐ Accept ☐ Reject ☐ Not applicable as this PCN for notification purposes.

Customer Representative:

Signature :
Name :
Date :

Approval:

Product Design Engineering	Digitally signed by J.THIVA2 Date: 2026.05.18 13:59:27 +08'00'	Production	18 May 2026
Manufacturing Engineering	18-May-2026	Quality	18 May 2026
Technical Support	18.May.2026	Materials	18-May-26
Customer Service	~~18 May 2026~~	Industrial Engineering	18-May-2026

		Samples										
		1	2	3	4	5	6	7	8	9	10	
Product Specification L=220uH±30% (154~286uH)	After winding test at 10KHz,1V(8Ts) Current Test Spec	285	309	331	316	276	305	294	311	278	315	Difference 32%~42%
	After winding test at 10KHz,**50mV**(8Ts) Per core spec.	207	223	250	228	200	215	214	231	200	223	
	After epoxy test at 10KHz,1V(8Ts) Current Test Condition Spec	262	271	289	283	267	267	275	282	264	268	Difference 32%~37%
	After epoxy test at 10KHz,**50mV**(8Ts) Core Supplier Proposed Test Condition spec.	196	204	219	209	202	195	206	213	196	197	