VENKEL LTD.

E.C.N.
(Engineering Change Notification)

Form: V5432-1C Rev.: Revision C Ref No.: MRFI0603-05-20-09	ECN No. 623547-1 Date: 05-20-2009	Form for 2nd ECN: V4532-2A Rev. N/A Ref No.: N/A

Subject and Date of change: Change of process for MRFI0603. No top side component marking will be added going forward after June 1, 2009.

To: All customers currently using the MRFI 0603 series inductor

Description and Series:

1. The marking scheme using a colored dot(s) for the 0603 size MRFI inductor will now be obsolete.
   (a) MRFI603-XXX XT will no longer contain a marking on the top of the chip.

DESCRIPTION BEFORE MODIFICATION		REASON OF CHANGE AND DESCRIPTION
	Marking	1. Introducing an automated line for encapsulation process for more efficient processing in order to improve the overall quality and lead time of the product.
a) MRFI0603-XXX XT	Colored Dot	2. Due to limited space on top of chip, All MRFI0603's will not be marked but will have improved lead time due to elimination of the bottleneck for the marking process in production.
DESCRIPTION AFTER MODIFICATION		**COMMENTS**
	Marking	Lead time will be improved due to adjustment in the manufacturing process.
a) MRFI0603-XXX XT	No marking on chip	
EFFECTIVE CODE		**REMARKS**
☐ RUNNING CHANGE ☐ IMMEDIATELY CHANGE ☐ TEMPORARY CHANGE ☒ PERMANENT CHANGE From: R&D / Production Date: 05-18-09 Lot No.: Numerous	To: Sales/Eng. Dept's To: O.Someki CC: Sales Mgmt/V.P.Eng.	1. All electrical characteristics such as L,Q factor, SRF, Rdc and Idc are not affected. Fit, Form or Function of the inductor remains the same. 2. Dimensions of the product are also not affected after the change.

PROD	W / H	PUR	P.C.	MKT	P.E.	Q.A.
A.C. Saw/B.S. P. Johnson	M.S. Lee	S. Cornell	Settu/SL Loh	Kelly Chen	H.K. Yeo	P. Johnson/Yahya

Pre-pared by;		**R&D**	**Approved**	**Checked**	**Verified**	**Verified**	**Approved**
R&D	**Dept.**	R&D	R&D	Engineering Lalo Alamo	N. Bailey	P. Johnson	V.P Engineering /Production
							O. Someki