

# PCN (PRODUCT CHANGE NOTIFICATION)



VENKEL LTD.

Form: V3895-1A Rev.: - 1A Ref No.: 1.0uF-0402-6.3V 7-12-21//V1	PCN No: 021712-0402-1uF.dim-1A	Form for Revised PCN: V3895-2B Rev. N/A Ref No.: N/A
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**Subject and status of Part Number: Change in tolerance dimensions for Length, Width, and Thickness for P/N's: C0402X7R6R3-105KNP & C0402X7R6R3-105MNP - Dimensional tolerance was increased by 0.002"(0.05mm), tolerance was  $\pm 0.002"$  ( $\pm 0.05\text{mm}$ ) and is changed to  $\pm 0.004"$  ( $\pm 0.10\text{mm}$ ).**

**EOL Date: N/A**

**Specific Part Number's, Dielectric and Description: C0402X7R6R3-105KNP & C0402X7R6R3-105MNP; 0402, X7R, 6.3V, 1uF,  $\pm 10\%$  and  $\pm 20\%$ , 7" Paper tape.**

<u>DESCRIPTION BEFORE AND AFTER CHANGE</u>	<u>REASON FOR CHANGE</u>
(1) Component dimensional tolerances changed slightly for the 1uF, 0402, X7R, 6.3V. It was specified previously as $\pm 0.002"$ ( $\pm 0.05\text{mm}$ ) and is changed to $\pm 0.004"$ ( $\pm 0.10\text{mm}$ ).	(1) Increasing dimensional tolerance to potentially increase capacitance yield by adding additional electrode layers and to further mitigate the effects of the DC voltage coefficient.

<u>CLASSIFICATION STATUS</u>	<u>REMARKS</u>
<input type="checkbox"/> RUNNING CHANGE <input checked="" type="checkbox"/> IMMEDIATE CHANGE <input type="checkbox"/> TEMPORARY CHANGE <input checked="" type="checkbox"/> PERMANENT CHANGE X //V2B/	
From: R&D / Production To: Engineering/Sales Date: 07-12-2021 To: O.Someki Lot No.: All CC: Sales Mgmt/V.P.Eng.	

PROD.		W / H	PUR	P.C.	MKT	P.E.	Q.A.
A.C. SAW/S. P. JOHNSON		M.S. LEE	S. CORNELL	SETTU/SL LOH		H.K. YEO	P. JOHNSON/BAILEY
PREPARED BY: R&D	DEPT.	R&D	APPROVED	CHECKED	VERIFIED	VERIFIED	APPROVED
		R&D	PRODUCTION SUPERVISOR	ENGINEERING LALO ALAMO	N. BAILEY	P. JOHNSON	V.P PROD./ENG. O. SOMEKI