

PCN (PRODUCT CHANGE NOTIFICATION)



VENKEL LTD.

Form: V3895-1A Rev.: - 1A Ref No.: 1.0uF-0805-50V//02-08-21//	PCN No: 210208X7R0805-1A	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 max thickness or max height for P/N's: C0805X7R500-105KNE & C0805X7R500-105MNE - Height or thickness tolerance was increased by 0.10mm, was 1.25 ± 0.10 (0.0493±0.004) and changed to 1.25 ± 0.20 (0.0493±0.008).

EOL Date: N/A

Specific Part Number's, Dielectric and Description: C0805X7R500-105KNE & C0805X7R500-105MNE; 0805, X7R, 50V, 1uF, ±10% and ±20%, 7" reel embossed.

<u>DESCRIPTION BEFORE AND AFTER CHANGE</u>	<u>REASON FOR CHANGE</u>
<p>(1) Component max height for the 1uF, 0805, X7R, 50V was specified previously to be 1.25mm with a tolerance of ± 0.1mm or ± 0.004" and the tolerance is changing to 1.25mm ± 0.2mm or 0.0493"±0.008 for a possible max height of 1.45mm (0.0573"). The difference in possible max height is 0.1mm (~0.004").</p>	<p>(1) Increasing dimensional tolerance to potentially increase capacitance yield by adding additional electrode layers and further mitigate the effects of the DC voltage coefficient.</p>

<u>CLASSIFICATION STATUS</u>	<u>REMARKS</u>
<p><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: 02-08-2021 To: O.Someki Lot No.: All CC: Sales Mgmt/V.P.Eng.</p>	

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