

# PCN

## (PRODUCT CHANGE NOTIFICATION)



VENKEL LTD.

Form: V3895-1A Rev.: - 1A  
Ref No.: 0.15uF-EOL-12-2021

PCN No: 211222-1A  
Date: 12-22-2021

Form for 2nd PCN: V3895-2B  
Rev. N/A  
Ref No.: N/A

**Subject and Date of change:** Specific capacitance value using the X7R dielectric listed below is going End of Life. EOL Date: 12-22-21

**Description and Series:** Specific capacitance value of 0.15uF, 0402 package size, 16V rated voltage and X7R dielectric is affected C-series with X7R dielectric.

### DESCRIPTION BEFORE MODIFICATION

- \* Specific value, size, and voltage combinations utilizing the X7R dielectric formulation will be discontinued and going end of life (EOL). Following is the part number:
  - \* C0402X7R160-154KNP
- \* Venkel Ltd. is alerting customers that the part number listed above is currently being used or recently ordered will be going EOL and will no longer be available.

### REASON FOR CHANGE AND DESCRIPTION

- (1) Lack of general demand in the industry for this dielectric and to maximize MLCC production efficiency.
- (2) Limited value-dielectric formulation with very small demand for this specific combination.

### COMMENT / LAST TIME BUY DATE

N/A

### CLASSIFICATION STATUS

- ☐ RUNNING CHANGE
- ☐ IMMEDIATELY CHANGE
- ☐ TEMPORARY CHANGE
- ☒ PERMANENT CHANGE

From: R&D / Production To: Engineering/Sales  
Date: 12-22-21 To: O.Someki  
Lot No.: Numerous CC: Sales Mgmt/V.P.Eng.

### REPLACEMENT REMARKS

This specific value is available in the X5R dielectric and is the closest alternative. Only difference is the X7R dielectric going to the X5R dielectric and max operating temperature range from going 125C to 85C. All other aspects are equivalent in Fit, Form, and Function (FFF).  
Alternate Part number: C0402X5R160-154KNP

PROD.		W / H	PUR	P.C.	MKT	P.E.	Q.A.
A.C. SAW/P.S. P. JOHNSON		M.S. LEE	S. CORNELL	SETTU/SL LOH		H.K. YEO	P. JOHNSON/YAHYA
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