

SPECIFICATIONS:

ELECTRICAL CHARACTERISTICS:

DIELECTRIC	X7R
RATED VOLTAGE	250 VAC
CAPACITANCE RANGE (EIA)	1000 pF (102)
CAPACITANCE TOLERANCE	K ($\pm 10\%$)
TEST PARAMETERS	1 kHz ± 50 Hz @ 1.0 VRMS, 25°C
TEMPERATURE COEFFICIENT	$\pm 15\%$ (-55°C TO +125°C)
DISSIPATION FACTOR	< 2.5 % @ 1kHz, 25°C
INSULATION RESISTANCE	500 Ohm-Farad OR 50 G-Ohms, whichever is less @ WVDC, 25°C (@ 125°C IR is 10% of 25°C requirement)
DIELECTRIC STRENGTH	1.2 x WVDC, 50 mA max
WITHSTANDING VOLTAGE	1500VAC @50/60Hz
IMPULSE VOLTAGE	5000 V

MECHANICAL CHARACTERISTICS:

Unit: mm

LENGTH "L"	WIDTH "W"	THICKNESS "T"	ENDBAND "EB"
5.70 \pm 0.3	2.85 \pm 0.2	1.60 \pm 0.2	0.6 \pm 0.1

TERMINATION DESCRIPTION:


TERMINATION: V - NICKEL BARRIER WITH TIN OVERPLATE

PACKAGING DESCRIPTION:

PACKAGE: E - 7" EMBOSSED TAPE/REEL

MARKING DESCRIPTION:

3-MARKED JS

						15191 BLEDSOE ST SYLMAR, CA 91342	
				TITLE			
REV	DESCRIPTION	APPROVED	DATE	SAFETY CERTIFIED CAPACITOR			
ENG. MGR.	DATE	Q.A. MGR.	DATE	PART NO.			DWG SCALE
				502R30W102KV3E-****-SC			NONE
DRN BY	DATE	CHKD BY	DATE	DWG. NO.			SHEET
J. TANG	12/17/21			A-7003-01-36			1 OF 1
							RE V