



**SPECIFICATIONS:**

**ELECTRICAL CHARACTERISTICS:**

DIELECTRIC	X7R
RATED VOLTAGE	250 VAC
CAPACITANCE RANGE (EIA)	1500 pF (152)
CAPACITANCE TOLERANCE	K ( $\pm 10\%$ )
TEST PARAMETERS	1 kHz $\pm 50$ 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)
WITHSTANDING VOLTAGE	1500VAC @60Hz
IMPULSE VOLTAGE	2500 V

**MECHANICAL CHARACTERISTICS:**

**Unit: mm**

LENGTH "L"	WIDTH "W"	THICKNESS "T"	ENDBAND "EB"
4.50 $\pm$ 0.4	2.00 $\pm$ 0.2	1.60 $\pm$ 0.2	0.6 $\pm$ 0.3

**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. <b>302R29W152KV3E-****-SC</b>			DWG SCALE NONE	
DRN BY J. TANG	DATE 07/22/20	CHKD BY	DATE	DWG. NO. <b>A-7002-08-54</b>			SHEET 1 OF 1	RE V