251R14S0R1AV4T

APPLICATIONS:

The S-Series capacitors give an ultra-high Q performance, and exhibit NP0 temperature characteristics.

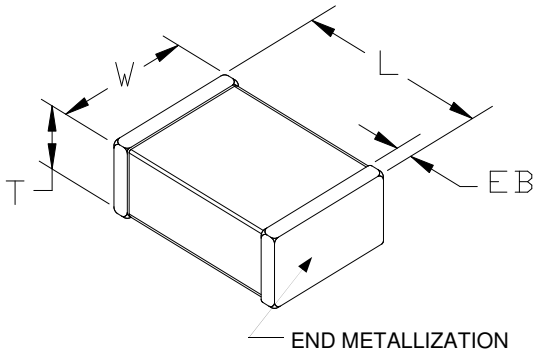
SPECIFICATIONS:

ELECTRICAL CHARACTERISTICS:

DIELECTRIC	Ultra High Q NPO Dielectric
RATED VOLTAGE (VDC)	250 VDC
CAPACITANCE	0.1pF
CAPACITANCE TOLERANCE	A = ±0.05 pF
DI TEST PARAMETERS	1 MHz ± 50 kHz @ 1.0 ± 0.2 VRMS, 25°C
TEMPERATURE COEFFICIENT	0 ± 30 PPM/°C, -55 to 125°C
QUALITY FACTOR	Q >1,000 @ 1 MHz, Typical 10,000
DIELECTRIC STRENGTH	> 2.5 x WVDC Min., 25°C, 50 mA Max
INSULATION RESISTANCE	>10 GW @ 25°C, WVDC 125°C IR is 10% of 25°C rating
TERMINATION DESCRIPTION	V - Ni/Sn
PACKAGING TYPE	T - Paper 7" Reel

MECHANICAL CHARACTERISTICS:

DIMENSIONS:	R14 [0603]
LENGTH - "L"	
IN	.062 ±.006
(mm)	(1.57 ±0.15)
WIDTH - "W"	
IN	.032 ±.006
(mm)	(0.81 ±0.15)
THICKNESS - "T"	
IN	.030 +.005/-.003
(mm)	(0.76 +.13-.08)
ENDBAND - "EB"	
IN	0.014 ±.006
(mm)	(0.35 ±.15)



FOR MORE DETAILED ELECTRICAL CHARACTERISTICS PLEASE USE JTISoft®.

Tool can be downloaded via http://www.johansontechnology.com/en/modeling-software.html

JOHANSON TECHNOLOGY	4001 Calle Tecate CAMARILLO, CA 93012			TITLE: MULTILAYER CHIP CAPACITOR		
PRESIDENT	DATE	ENG. MGR:	DATE	PART NO.: 251R14S0R1AV4T		DWG. SCALE: NONE
INITIATOR: A. Guilin	DATE: 10/10/2012	Q.A. MGR.	DATE	DWG. NO.	SHEET: 1 OF 1	REV: -