



SPECIFICATIONS:

ELECTRICAL CHARACTERISTICS:

DIELECTRIC	X7R
RATED VOLTAGE	1500 VDC
CAPACITANCE RANGE (EIA)	10 nFd (103)
CAPACITANCE TOLERANCE	Z (+80 / -20%)
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 500 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

MECHANICAL CHARACTERISTICS

LENGTH "L"	WIDTH "W"	THICKNESS "T"	ENDBAND "EB"
.175 $\pm$.010	.125 $\pm$.010	.085 MAX	.025 $\pm$.015

TERMINATION DESCRIPTION:

TERMINATION: V - NICKEL BARRIER WITH TIN OVERPLATE

PACKAGING DESCRIPTION:

PACKAGE: E - 7" EMBOSSSED TAPE/REEL

MARKING DESCRIPTION:

MARKING: 6 - EIA Code (A3)

				JOHANSON DIELECTRICS 		15191 BLEDSOE ST SYLMAR, CA 91342		
				TITLE				
REV	DESCRIPTION		APPROVED	DATE	MULTILAYER CHIP CAPACITOR			
ENG. MGR.		DATE	Q.A. MGR.	DATE	PART NO. 152S43W103ZV6E		DWG SCALE NONE	
DRN BY A. BARNES		DATE 01/04/11	CHKD BY	DATE	DWG. NO. 152S43W103ZV6E		SHEET 1 OF 1	RE V