

S3 X2/Y3 Safety Certified

- HIGH VOLTAGE IN A GIVEN CASE SIZE
- HIGH STABILITY AND RELIABILITY



GENERAL SPECIFICATION

	NPO	X7R
Capacitance Range	3.9pF~ 1,000pF	150pF ~ 5,600pF
Insulation Resistance at Ur	≥10GΩ	
Capacitance Characteristic	±30ppm	±15%
Q/DF (Tan δ)	Cap ≤30pF : Q≥400+20C	Tan δ ≤2.5%
Capacitance Tolerance	J, K	K, M
Operating Temperature	-55°C ~ +125°C	
Rated Voltage (WVAC)	250Vrms	
Dielectric Withstanding Strength	1500VAC	
Peak Impulse Voltage (X2)	2500V	
Termination	Ni/Sn (Lead-free Termination)	
Certified Number	TUV: R500021351, R50118359, R50195920; UL: E250427, R182369	

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Rated Voltage (VDC)	NPO	Case	X7R	Case
2,000	10 ~ 33	F	150 ~ 820	G
	39 ~ 82	G	1,000 ~ 2,200	K
	100 ~ 1,000	K	-----	-
3,000	3.9 ~ 33	F	330 ~ 820	G
	39 ~ 82	G	1,000	K
	100 ~ 270	K	-----	-

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All vales in pF unless noted otherwise.

Rated Voltage (VDC)	NPO	Case	X7R	Case
2,000	-----	-	270 ~ 1,200	G
	-----	-	1,500 ~ 1,800	K
	-----	-	2,200 ~ 5,600	M
3,000	10 ~ 560	D	680 ~ 1,000	G
	680 ~ 1,000	K	-----	-

PACKAGING - T&R

Case Code	D	F	G	K	M
Thickness	1.25 ±0.10	1.10 ±0.15	1.60 ±0.20	2.00 ±0.20	2.50 ±0.30
Qty / Reel	3,000	2,000	1,000	1,000	500

PART NUMBER

