

UC55 Type

Chip Mica Capacitor 5.7x5 size

[Inquiry](#)

High accuracy for high frequency.
Small temperature coefficient and suitable to high withstand voltage.
Please ask us if you need special capacitance-tolerance.

Application

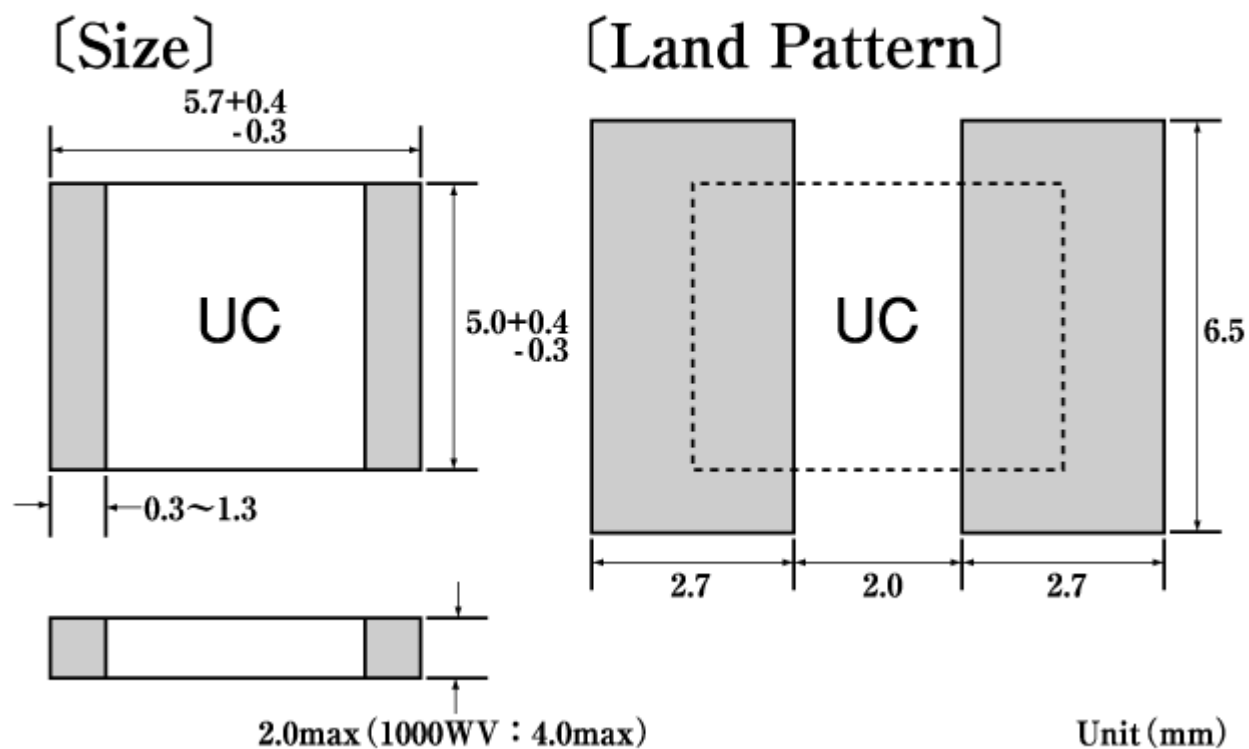
Filtering circuit for CATV/High power RF circuit etc.

Specifications

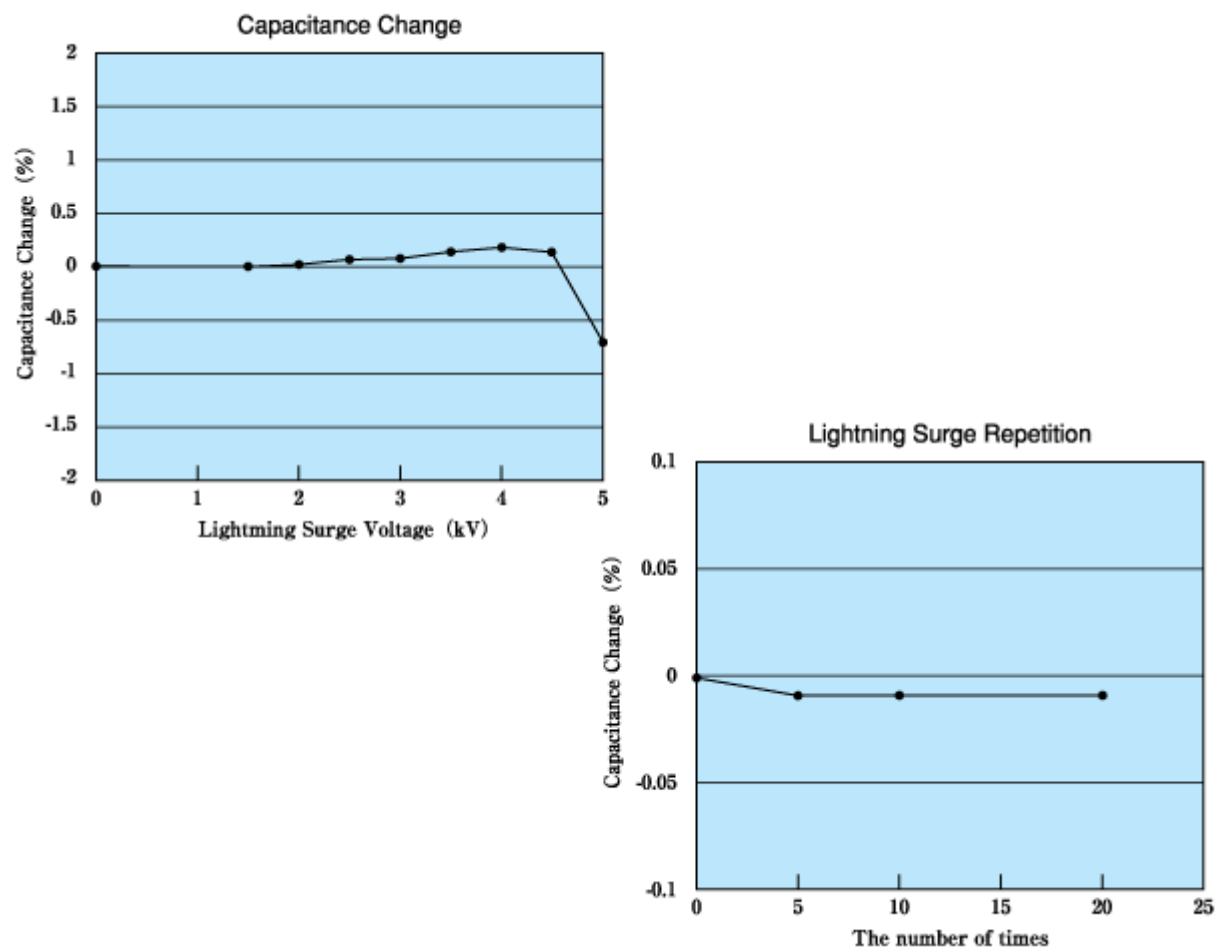
Ordering Cord:UC5532A1501J (-T)						
UC	Chip Mica Capacitor					
55	Size(mm) L:5.7 W:5 T:2 or 4 (max) [T=4mm:1000V Typ]					
3A	Rated Voltage 2A:100WVDC 2H:500WVDC 3A:1000WVDC					
1501	Nominal Capaciance (pF) Exa.:1501 -->1500pF 1511-->1510pF					
	Capacitance Range 2A:821-2200pF 2H:471-1200pF 3A:50.5-1500pF					
	10pF up to 100pF/0.5pF Step					
	101pF up to 1000pF/1pF Step					
1010pF min/10pF Step						
J	Capacitance (pF)	Tolerance				
		C	D	F	G	J
	50.5-100	+/-0.25pF	+/-0.5%	+/-1%	+/-2%	+/-5%
	101-2200			+/-1%	+/-2%	+/-5%
(-T)	Taping UC55 : 1000pcs/Reel UC553A 680pF min : 500pcs/Reel					
Temperature Coefficient 0-50ppm/Deg.C						
Operating Temperature Range -55 up to +125Deg.C						
Insuration Resistance 10x10 ⁴ M ohm min						

Dimensions

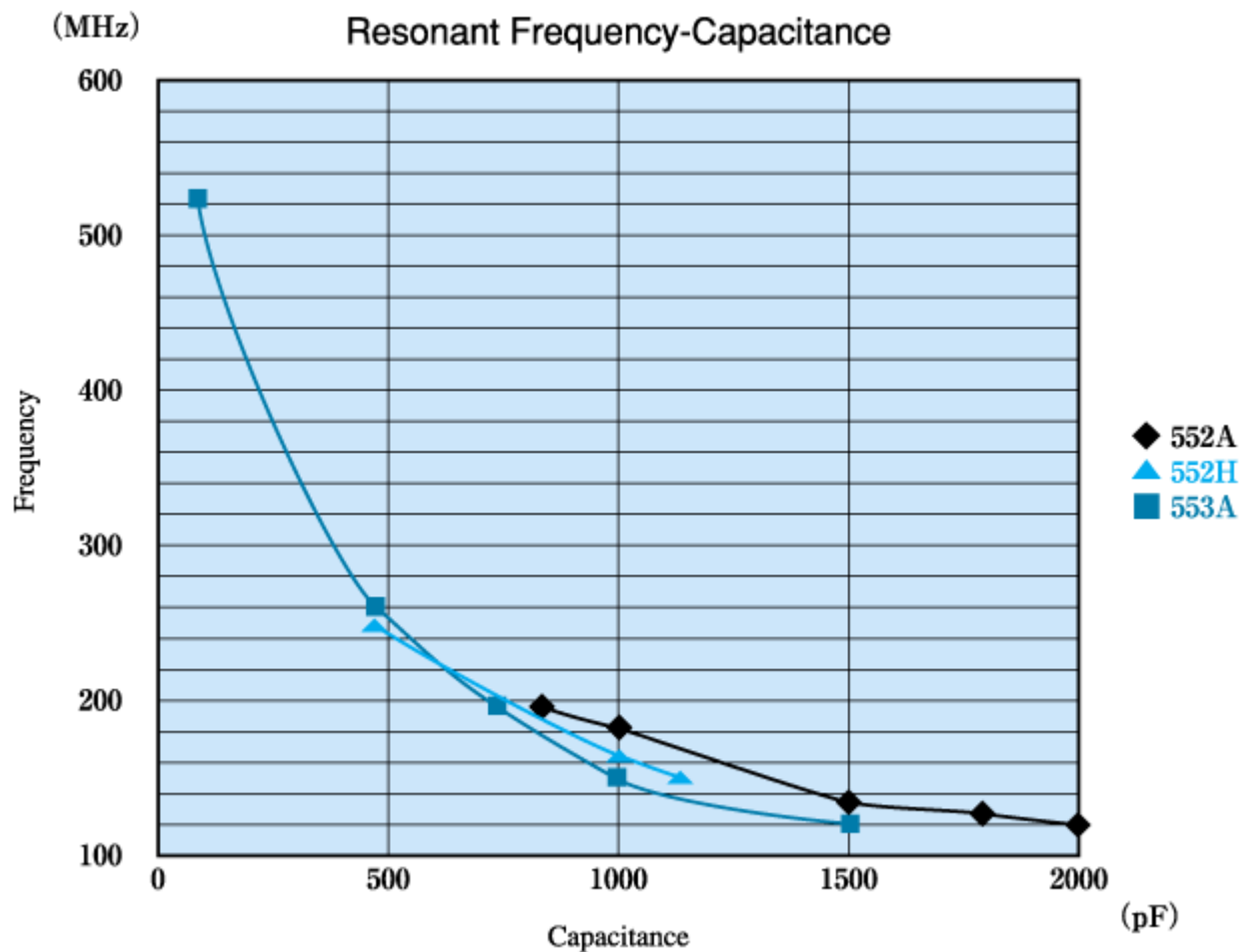
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Data1 [Surge]

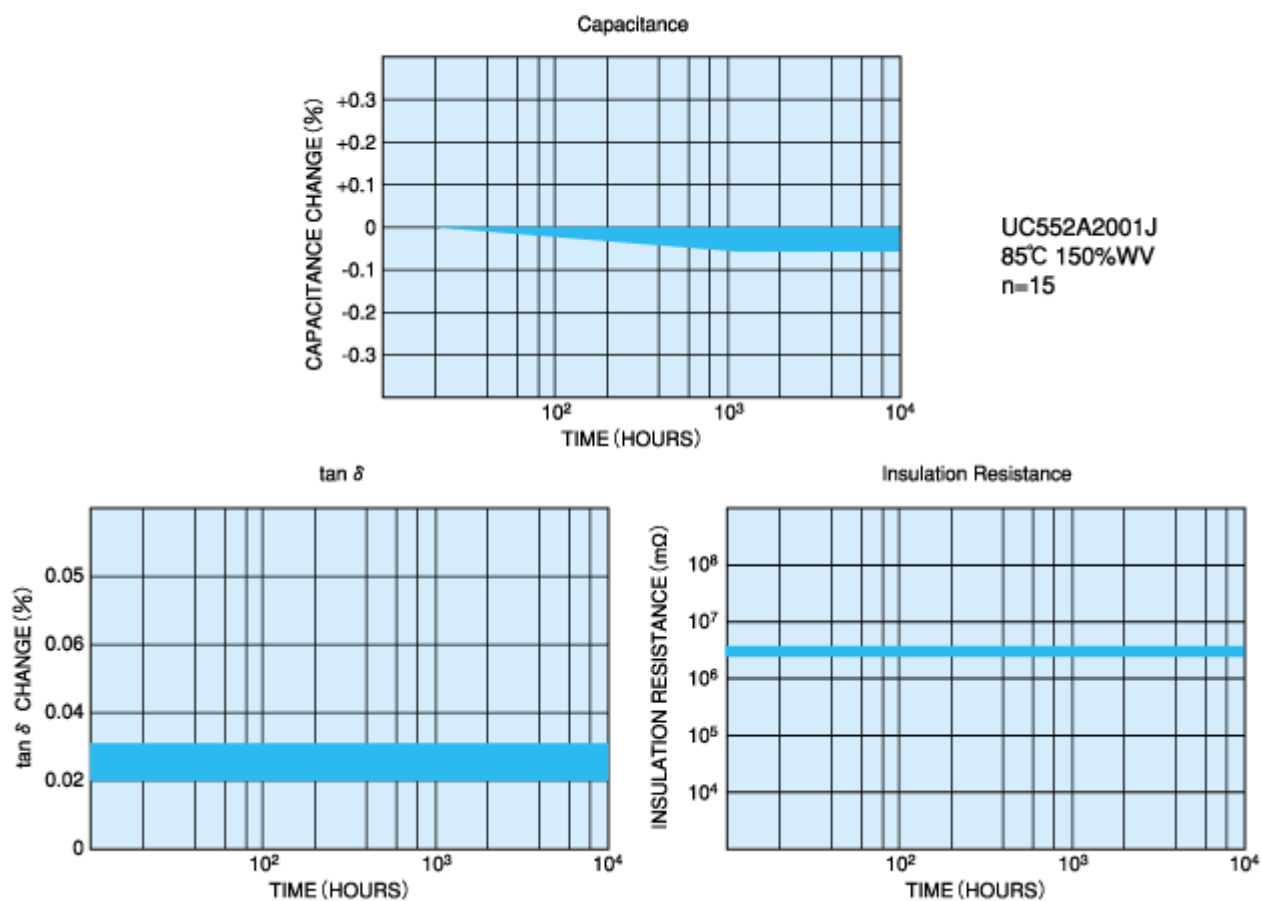


Data2 [Resonant Frequency]

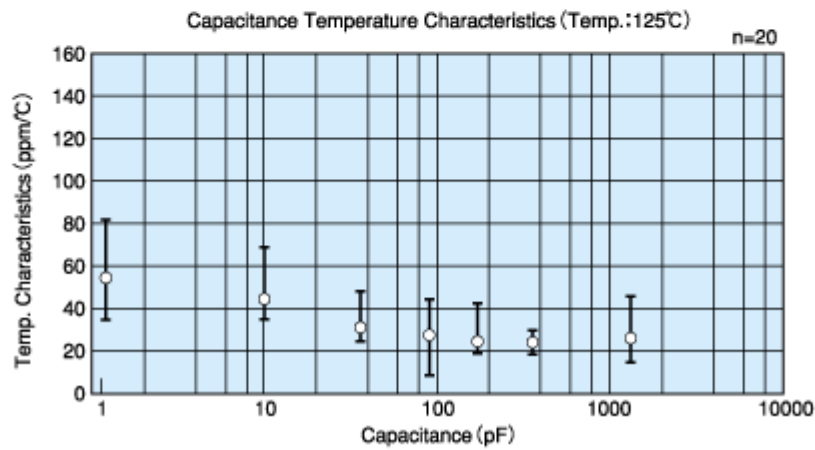
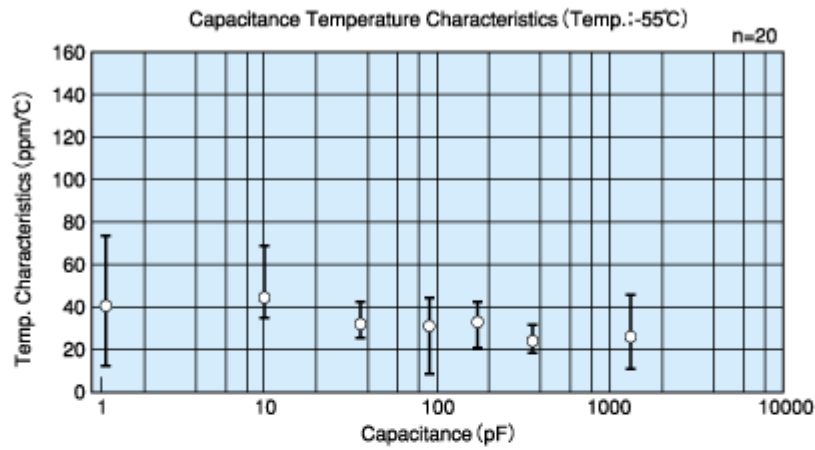


Data3 [Reduction in long-term stability at high temperature]

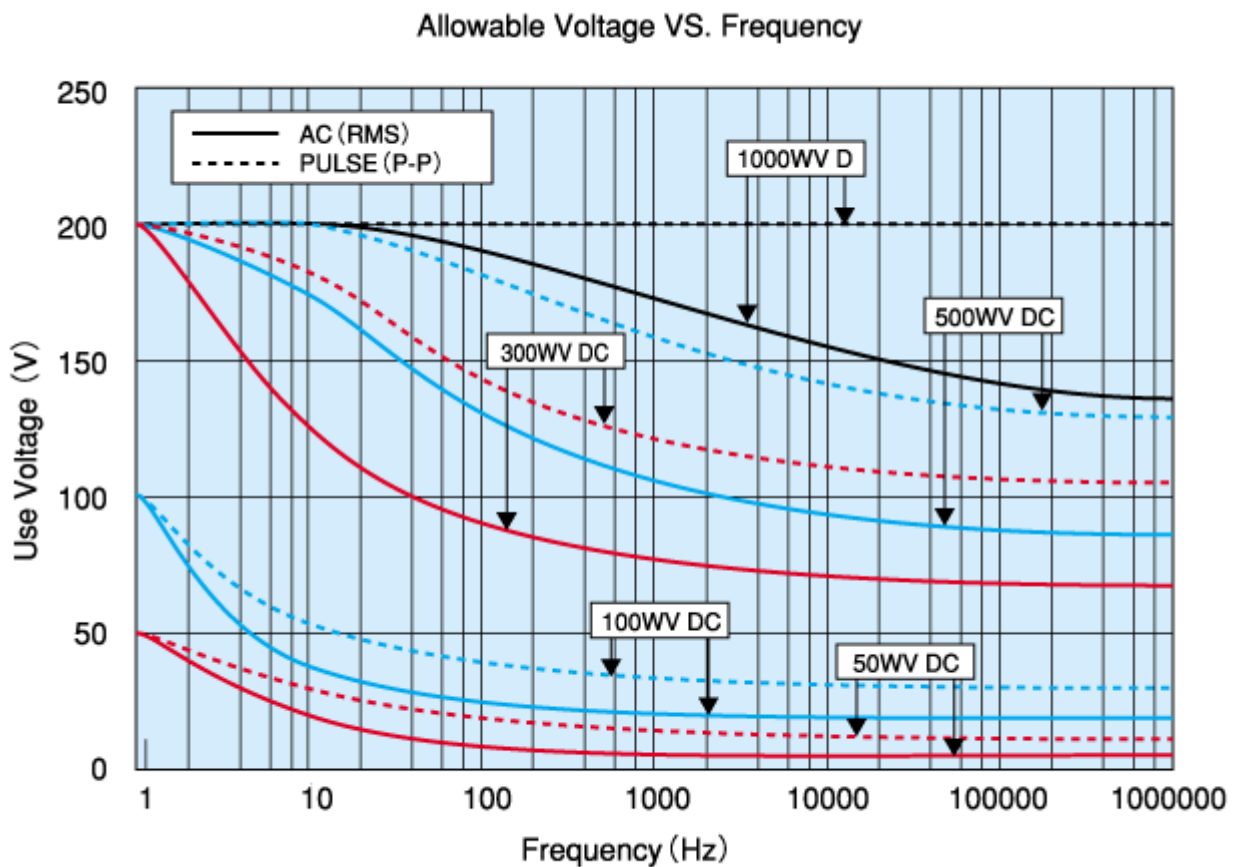
Change by High Temperature Load.



Data4 [Temperature coefficient of capacitance](-55 Deg.C/+125 Deg.C)

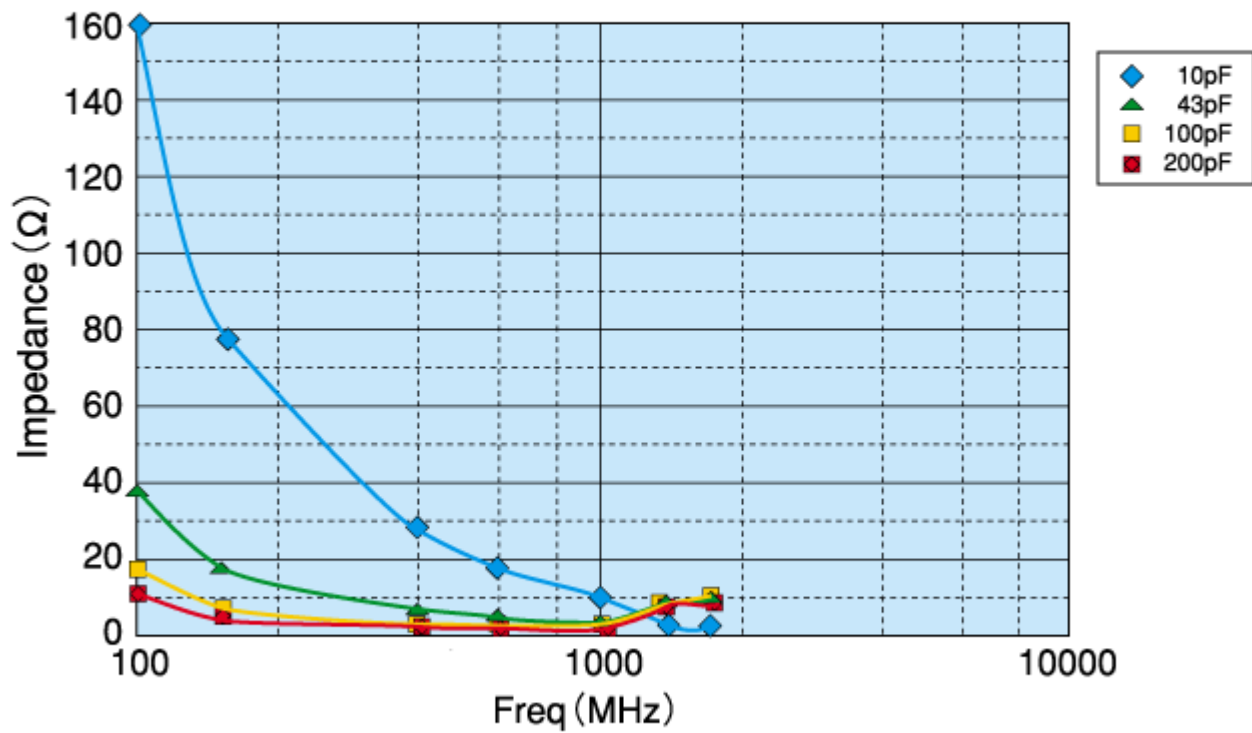


Data5 [Operating voltage VS.Frequency]



Data6 [Impedance VS. Frequency]

Z VS. FREQUENCY



Data7 [ESR VS. Frequency]

ESR VS. FREQUENCY

