

WXC44Z1503FF

For Mobile Communications

■ Features

- SAW Duplexer for 1.5GHz band (Band21).
- Low loss and high attenuation.
- Compact and light. (2.0×1.6×0.55mm)
- High power performance.

Pb
Free

RoHS Compliant
Directive 2011/65/EU



■ Specifications

Model		WXC44Z1503FF					
		TX-Filter			RX-Filter		
Item		min.	typ.	max.	min.	typ.	max.
Nominal frequency (MHz)		–	1455.4	–	–	1503.4	–
Passband width (MHz)		15	–	–	15	–	–
Maximum insertion loss (dB)		–	0.9	1.9	–	1.6	2.5
Passband ripple		–	0.2	1.2	–	0.3	1.2
Guaranteed attenuation (dB)	1495.9 to 1510.9 MHz	40	52	–	–	–	–
	1574 to 1577 MHz	35	37	–	–	–	–
	2895.8 to 2925.8 MHz	25	31	–	–	–	–
	4343.7 to 4388.7 MHz	15	20	–	–	–	–
	1447.9 to 1462.9 MHz	–	–	–	47	51	–
	2943.8 to 2973.8 MHz	–	–	–	45	53	–
	4391.7 to 4436.7 MHz	–	–	–	43	49	–
Isolation	1447.9 to 1462.9 MHz	–	–	–	52	59	–
	1495.9 to 1510.9 MHz	45	54	–	–	–	–
Operating temperature range (°C)		–20 to +85					
Terminating impedance (Ω)		ANT= 50/9.5nH TX=50 RX=100					

■ Dimensions

