

WXC43Z1486FE

For Mobile Communications

■ Features

- SAW Duplexer for 1.5GHz band (Band11).
- 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		WXC43Z1486FE					
		TX-Filter			RX-Filter		
Item		min.	typ.	max.	min.	typ.	max.
Nominal frequency (MHz)		–	1437.9	–	–	1485.9	–
Passband width (MHz)		20	–	–	20	–	–
Maximum insertion loss (dB)		–	1.2	2.0	–	1.9	2.6
Passband ripple		–	0.4	1.2	–	0.5	1.2
Guaranteed attenuation (dB)	1475.9 to 1495.9 MHz	40	52	–	–	–	–
	1574 to 1577 MHz	35	37	–	–	–	–
	2855.8 to 2895.8 MHz	25	31	–	–	–	–
	4283.7 to 4343.7 MHz	15	20	–	–	–	–
	1427.9 to 1447.9 MHz	–	–	–	47	51	–
	2903.8 to 2943.8 MHz	–	–	–	45	53	–
	4331.7 to 4391.7 MHz	–	–	–	43	49	–
Isolation	1427.9 to 1447.9 MHz	–	–	–	52	57	–
	1475.9 to 1495.9 MHz	45	52	–	–	–	–
Operating temperature range (°C)		–20 to +85					
Terminating impedance (Ω)		ANT= 50//9.5nH TX=50 RX=100					

■ Dimensions

