

Filter Module

P.N. : R03-M0910-01

Electrical Specification

900MHz RX/900MHz TX

Details	Specification	
	Rx	TX
	905 ~ 915MHz	950 ~ 960MHz
Insertion Loss (Max.)	1.5dB	1.5dB
Return Loss (Min.)	20.0dB	20.0dB
Ripple (Max.)	0.8dB	0.8dB
Isolation (Min.)	TX Band : 100.0dBc	RX Band : 100.0dBc
Attenuation (Min.)	Fc±10MHz 7.0dBc	Fc±10MHz 7.0dBc
	Fc±15MHz 15.0dBc	Fc±15MHz 15.0dBc
	884 ~ 894MHz: 33dBc	-
2 nd Harmonic (Min.)	80dBc	
Coupling Value	-	40.0±1.5dB
In/Output Impedance	50Ω	
Temperature	-30 ~ +80°C	
Arrester	Voltage : 6kv Current : 3kA (8/20 us)	

Filter Module

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1.8GHz RX/1.8GHz TX

Details	Specification	
	Rx	TX
Frequency	1735 ~ 1755MHz	1830 ~ 1850MHz
Insertion Loss (Max.)	1.5dB	1.5dB
Return Loss (Min.)	20.0dB	20.0dB
Ripple (Max.)	0.8dB	0.8dB
Isolation (Min.)	TX Band : 100.0dBc	RX Band : 100.0dBc
Attenuation (Min.)	Fc±15MHz 7.0dBc	Fc±15MHz 7.0dBc
	Fc±20MHz 15.0dBc	Fc±20MHz 15.0dBc
2 nd Harmonic (Min.)	80dBc	
Coupling Value	-	40.0±1.5dB
In/Output Impedance	50Ω	
Temperature	-30 ~ +80°C	
Arrester	Voltage 6kv, Surge Current 3kA (8/20 us)	

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Photo



Drawing

