

Low Pass Filter 低通滤波器

■ Feature 特点

Compact Size 体积小

Miniaturized SMD packaged in low profile and lightweight.

Low Loss 低插入损耗

Low insertion loss, high attenuation.

High Soldering Heat Resistance 耐高温表面焊接

High quality termination allows both flow and re-flow soldering methods to be applied.

High Performance 特性优良

Eliminate noise over a wide frequency range. Idea for high frequency and space limited designs.

Available in tape and reel packaging for automatic mounting 卷轴包装适用于表面贴片技术

AEC-Q200 certificated 通过 AEC-Q200 测试

■ Product Identification 产品型号

ATL - 1608 - ###xx - A1 - □□
① ② ③ ④ ⑤

- ① Product Code
- ② Dimension Code
- ③ Series Type (### represents center frequency and xx represents material type)
- ④ Design Code
- ⑤ Pattern Code

■ Application 用途

Low pass filters for automotive WiFi/ BT/ LTE connection, TPMS.

■ Electrical Specification 电气规格

Part No. 型号	Pass Band 带宽(MHz)	Insertion Loss 插入损耗	VSWR 电压驻波比	Attenuation 带外抑制
ATL-2012-0G4H6-A3	312~434	1.3dB max.	10 dB min.	20 dB min. at 624~ 630 MHz 25 dB min. at 800~ 900 MHz 30 dB min. at 900~ 950 MHz 35 dB min. at 1575 MHz 35 dB min. at 1700~2100 MHz 35 dB min. at 2195~2205 MHz 27 dB min. at 2400~2600 MHz
ATL-1608-0G8S3-A1	470~787	0.65 dB max.	2.0 max.	26dB min. at 1429~1501 MHz 30dB min. at 1565~1607 MHz 35dB min. at 1570~1580 MHz 18dB min. at 1920~1980 MHz
ATL-1005-0G9H6-A1	824~915	0.6 dB max.	2.0 max.	20dB min. at 2400~2750MHz
ATL-1608-0G9S1-A2	698~960	0.56~0.88 dB	1.7 max.	30 dB min. at 1554~1830 MHz 35 dB min. at 2097~2745 MHz
ATL-1608-0G9S1-A6	698~960	0.75 dB max.	2.0 max.	30dB min. at 1554~1610 MHz 30dB min. at 1710~1805 MHz 35dB min. at 1805~1830 MHz 35dB min. at 2110~2700 MHz 30dB min. at 2170~2700 MHz
ATL-2012-0G9S1-A2	902-928	0.5 dB max.	1.5 max.	30 dB min. at 1804 ~ 1856 MHz
ATL-1608-1G9S1-A2	1710~1910	0.8 dB max.	1.92 max.	15dB min at 2400 ~ 2480MHz 10dB min. at 3700 ~ 3820 MHz
ATL-1005-2G4S1-A2	2400~2500	0.75 dB max.	1.6 max.	30 dB min. at 4800 ~ 5000 MHz 35 dB min. at 7200 ~ 7500 MHz
ATL-1005-2G4S1-A3	2400~2500	0.45 dB max.	1.7 max.	21 dB min. at 4800 ~ 5000 MHz 21 dB min. at 7200 ~ 7500 MHz
ATL-1608-2G4S1-C1	2400~2500	0.48 dB max.	1.5 max.	35 dB min. at 4800 ~ 5000 MHz 27 dB min. at 7200 ~ 7500 MHz
ATL-1608-2G4S1-A2	2400~2690	0.55 dB max.	2.0 max.	26 dB min. at 4800 ~ 5390 MHz 23 dB min. at 7200 ~ 8085 MHz
ATL-1608-2G4S1-B3	2400~2500	0.60 dB max.	2.0 max.	35 dB min. at 4800 ~ 5000 MHz 20 dB min. at 7200 ~ 7500 MHz
ATL-1608-2G4S1-A5	2400~2500	1.00 dB max.	2.0 max.	15 dB min. at 3200 MHz 25 dB min. at 4800 ~ 5000 MHz 20 dB min. at 7200 ~ 7500 MHz
ATL-2012-2G4S1-A1	2300~2800	0.60 dB max.	2.0 max.	35 dB min. at 4600 ~ 5600 MHz 30 dB min. at 6900 ~ 8400 MHz

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ATL-2012-2G4S1-A2	2300~2800	0.60 dB max.	2.0 max.	35 dB min. at 4600 ~ 5600 MHz 30 dB min. at 6900 ~ 8400 MHz
ATL-2012-2G4S1-A4	2400~2500	0.55 dB max.	2.0 max.	35 dB min. at 4800 ~ 5000 MHz 30 dB min. at 7200 ~ 7500 MHz
ATL-1608-2G5S1-E1	2300~2700	0.65 dB max.	1.7 max.	25 dB min. at 4600~5400 MHz 25 dB min. at 6900~8100 MHz
ATL-1608-2G7S1-B1	673~2690	0.5 dB max.	2.0 max.	35dB min. at 4950~ 6000 MHz 37dB min. at 6000~ 7500 MHz 37dB min. at 7500~ 8100 MHz 20dB min. at 8100~12500 MHz
ATL-1608-5G5S1-A2	4900~5950	0.70 dB max.	2.0 max.	20 dB min. at 9800 MHz 30 dB min. at 11900 MHz
ATL-2012-5G5S1-B1	4900~5900	0.70 dB max.	2.0 max.	30 dB min. at 9800 ~ 11800 MHz 30 dB ref. at 14700 ~ 17700 MHz
ATL-2012-5G5S1-B2	5150~5875	0.60 dB max.	1.8 max.	25 dB min. at 10300 ~ 11750MHz 20 dB ref. at 15450 ~ 17625MHz

NOTES

Please contact us for detail information.