

Product Information

LTCC Multi Layer Ceramic Low Pass Filter- 0603 (1608) size

- RFLPF16081G8D7T Series

FEATURES

- Miniature footprint: 1.6 X 0.8 X 0.7 mm³.
- Low Profile Thickness
- Low Insertion loss
- High attenuation on harmonic suppressed
- LTCC process

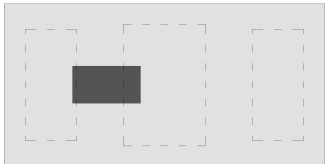
APPLICATIONS

- 1880 ~ 2025 MHz band RF applications.

ELECTRICAL CHARACTERISTICS

Item	Specification
Frequency Range	1880 ~ 2025 MHz
Insertion Loss	1.1 dB typ.
VSWR	1.2 typ.
Impedance	50 Ω
Attenuation (dB typ.)	29 dB typ.@ 2400 ~ 2500 MHz 20 dB typ.@ 4020 ~ 4045 MHz 29 dB typ.@ 6030 ~ 6075 MHz
Taping Quantity	: 4000pcs per 7" reel
Operating Temperature Range	: -40~ +85°C
Storage Temperature Range	: -10~ +40°C
Humidity	: 30 to 70% relative humidity

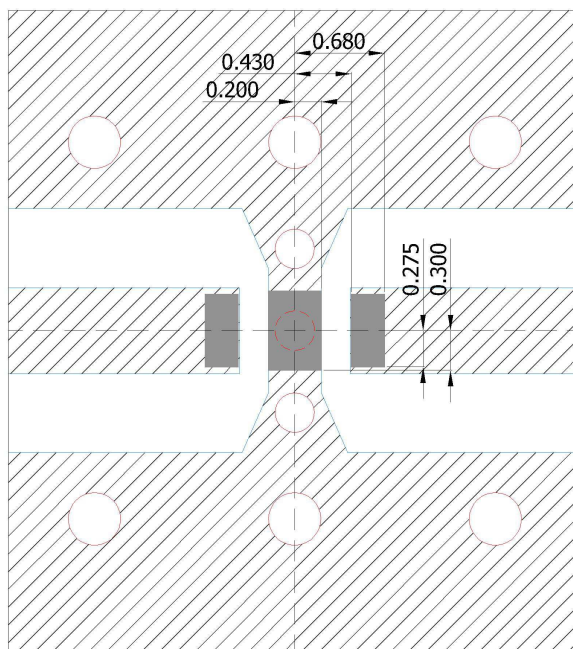
CONSTRUCTION

Figure	PIN	Connection
Top view 	1	Input port
	2	GND
	3	Output port

DIMENSIONS

Figure	Symbol	Dimension (mm)
Top view Bottom view Bottom view	L	1.60 ± 0.10
	W	0.80 ± 0.10
	T	0.7 max.
	A	0.55 ± 0.10
	B	0.60 ± 0.10
	C	0.25 ± 0.10
	D	0.23 ± 0.10
	E	0.40 ± 0.10
	F	0.12 ± 0.10
	G	0.125 ± 0.10

SOLDER LAND PATTERN



- LAND
- Solder resist
- No pattern Solder resist

UNIT:mm

Line width to be designed to match 50 Ω characteristic impedance, depending on PCB material and thickness.

CONTACT INFORMATION

For more information, please contact with

[Walsin Technology Corporation](http://www.walsin.com).

Tel : 886-3-475-8711

Fax : 886-3-475-5197

E mail : info@passivecomponent.comWeb Site : <http://www.passivecomponent.com>*Specification subject to change without prior notice.*