

RFBPF Series – 1608(0603)- RoHS Compliance

5GHz ISM Band RF Application



FEATURES

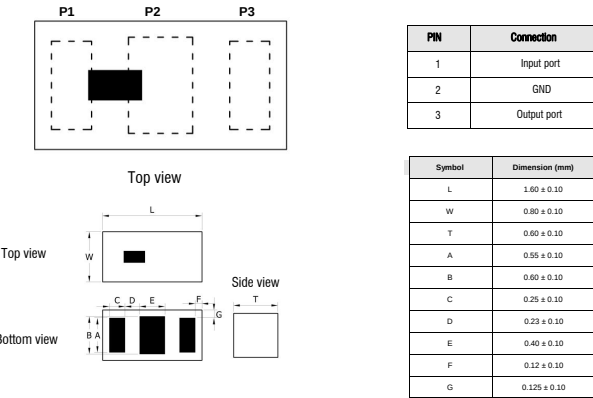
- Miniature footprint: 1.6 X 0.8X 0.6 mm3
- Low Insertion loss
- High attenuation on harmonic suppressed
- LTCC process
- 5150 ~ 5950 MHz working frequency
- Operation Temperature Range: -40°C~ +85°C
- Storage Temperature Range: -40°C~ +85°C

Series/Type: RFBPF1608060KG8D1T H

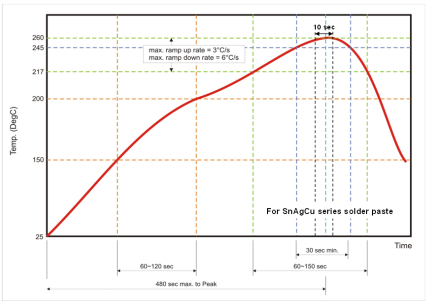
ELECTRICAL SPECIFICATIONS @25°C

Frequency Range (MHz)	Insertion Loss (dB Max)		Attenuation (dB min)					Return Loss (dB min)	Impedance (Ω)	Power capacity (mW max)
	(25°C)	(-40~85°C)	(30 ~ 2700 MHz)	(3400 ~ 3800 MHz)	6900MHz	(7250 ~ 7800MHz)	(10300 ~ 11700 MHz)			
5150 ~ 5950	0.80	1.00	40.0	45.0	20.0	20.0	20.0	13	50	500

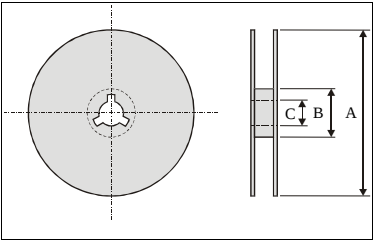
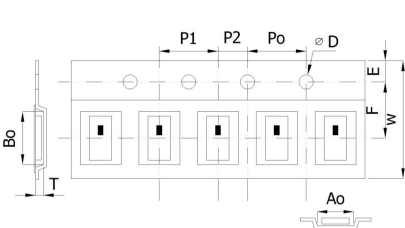
CONSTRUCTION



SOLDERING CONDITION



Packaging Specifications



Paper Tape specifications (unit :mm)

Index	Ao	Bo	ΦD	T	W
Dimension (mm)	0.975 ± 0.10	1.76 ± 0.10	1.56 ± 0.05	0.75 ± 0.10	8.00 ± 0.10
Index	E	F	Po	P1	P2
Dimension (mm)	1.75 ± 0.10	3.50 ± 0.05	4.00 ± 0.10	4.00 ± 0.10	2.00 ± 0.05

Index	A	B	C
Dimension (mm)	Φ 178.0	Φ 60.0	Φ 13.0

Taping Quantity:4000 pieces per 7" reel