## High Frequency Ceramic Solutions

## 1810 MHz Band Pass Filter

P/N 1810BP07B200

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Detail Specification: 4/4/2019

General Specifications				
Part Number	1810BP07B200			
Frequency (MHz)	1710 - 1910			
Insertion Loss (dB)	2.0 dB max.			
Return Loss	9.5 dB min.			
Attenuation (min.)	20 dB @ 855 - 955 MHz			
Attenuation (min.)	12 dB @ 2565 - 2865 MHz			
Impedance	50 Ω			
Input Power	500 mW max. (CW)			
Operating Temperature	-40 to +85°C			
Storage Temperature	-40 to +85°C			
Reel Quantity	10,000			

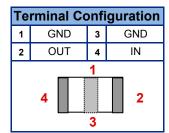


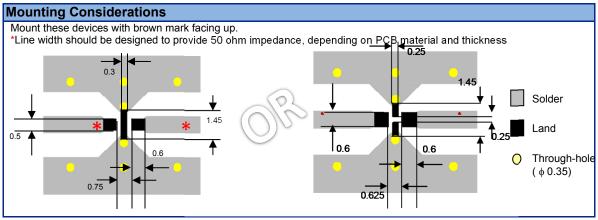
Recommended Storage Conditions for unused T&R Product*	+5 ~ +35°C, Humidity: 45~75%RH
Solder Paste	SAC 305 type is recommended.

<sup>\*18</sup> months in vacuum sealed bag and 1 week after opened. Please keep unused parts in vacuum sealed bags. For more info go to <a href="https://www.johansontechnology.com/silverleads-profile">https://www.johansontechnology.com/silverleads-profile</a>.

	P/N Suffix Packing Style	Bulk		Suffix = S	eg. 1810BP07B200S	
P/N Suffix		T&R		Suffix = T	eg. 1810BP07B200T	
	<b>Evaluation Boar</b>	<b>rd</b> 1810E		0BP07B200-EB1SMA		

Me	Mechanical Specifications									
	In	mm	Bottom View a Side-End View							
L	0.039 ± 0.002	1.00 ± 0.05	<b>→</b> ↔							
W	0.020 ± 0.002	0.50 ± 0.05								
Т	0.015 ± 0.002	0.38 ± 0.05								
а	0.006 ± 0.004	0.15 ± 0.10								
b	0.010 ± 0.004	0.25 ± 0.10	L T							





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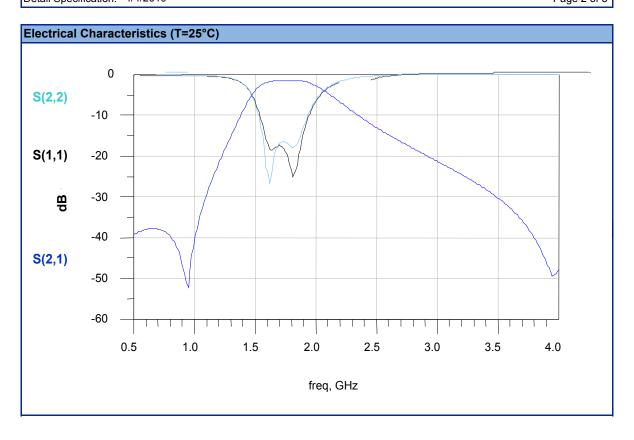
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Packaging information

https://www.johansontechnology.com/tape-reel-packaging

**Soldering Information** 

https://www.johansontechnology.com/ipcsoldering-profile

**RoHS Compliance** 

https://www.johansontechnology.com/rohs-compliance

**MSL Info** 

https://www.johansontechnology.com/msl-rating

To Download Measured S-parameters for Evaluation and Simulation:

https://www.johansontechnology.com/band-pass-filters

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