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www.golledge.com

Golledge Electronics Ltd
Ashwell Park, Ilminster
Somerset, TA19 9DX, UK

190.0 MHz SAW Filter

Model: **TB0190A**

Part No: **MA05609**

REV NO.: 2

A. MAXIMUM RATING:

1. Input Power Level: +10 dBm
2. Operating Temperature: 0°C to +70°C
3. Storage Temperature: -20°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

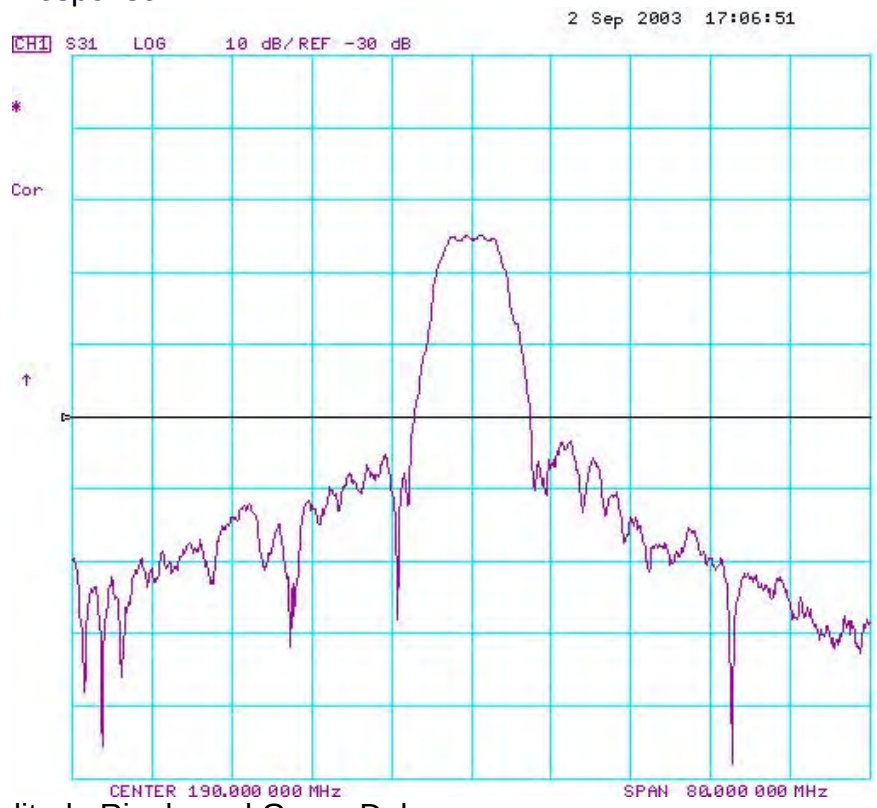
Parameter	Unit	Min.	Typ.	Max.
Center frequency, Fc	MHz	189.9	190	190.1
Insertion Loss, IL	dB	-	4.7	7
3dB Bandwidth	MHz	4.6	6	-
Amplitude Ripple within ±2MHz	dB	-	0.9	2.0
Group Delay Ripple within ±2MHz	nsec	-	70	100
Rejection (Reference level from 0 dB)				
from ±5.0 MHz to ±7.5 MHz	dB	10	19	-
from ±7.5 MHz to ±12.5 MHz	dB	25	33	-
from ±12.5 MHz to ±15 MHz	dB	35	37	-
from ±15 MHz to ±100 MHz	dB	40	43	-

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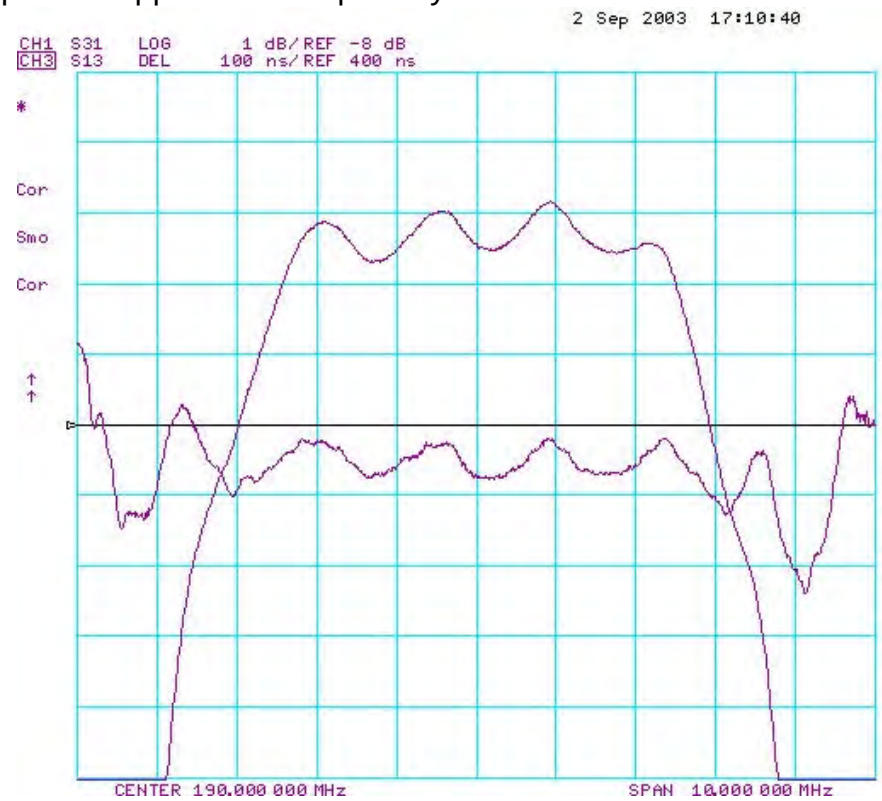
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C. FREQUENCY CHARACTERISTICS:

(1) S21 Response:



(2) Amplitude Ripple and Group Delay

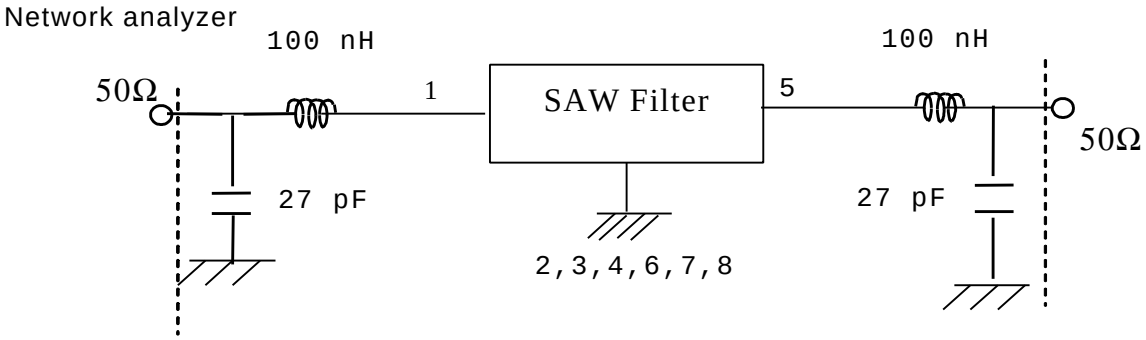


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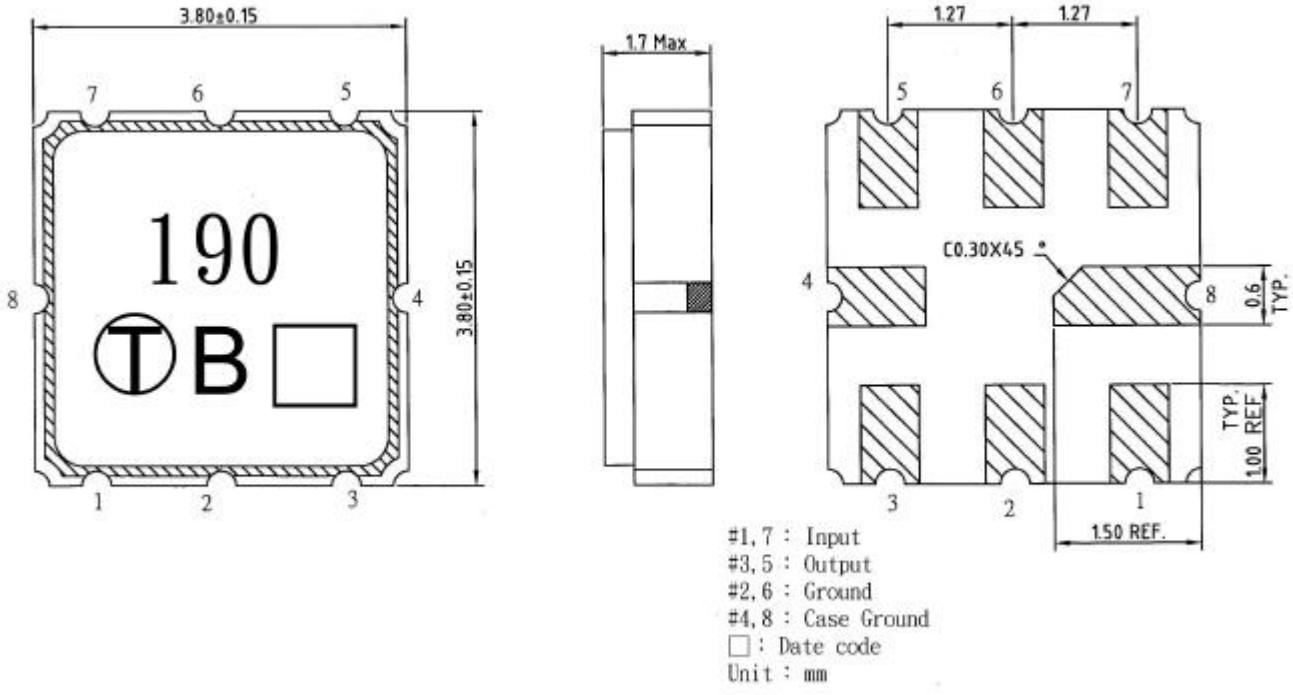
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D. MEASUREMENT CIRCUIT:

For 50 ohm Unbalanced Input and Output



E. OUTLINE DRAWING:

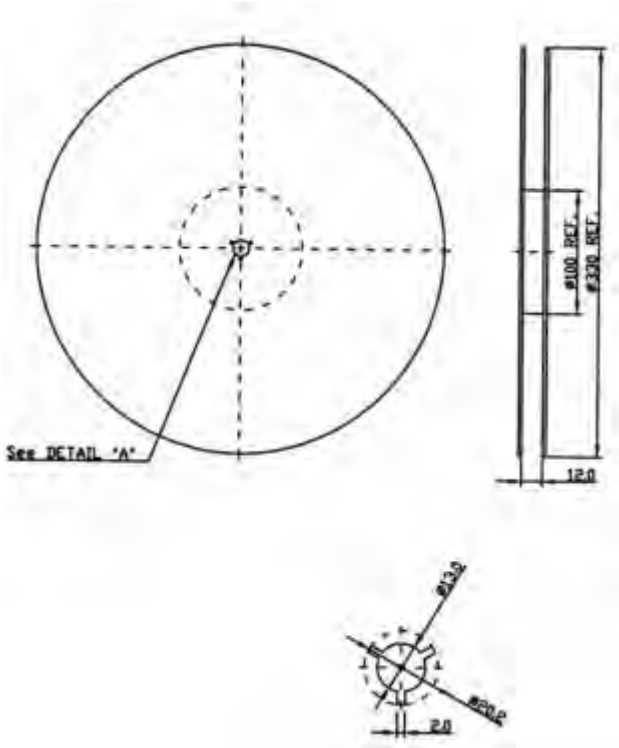


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F. PACKING:

1. Reel dimension



2. Tape dimension

