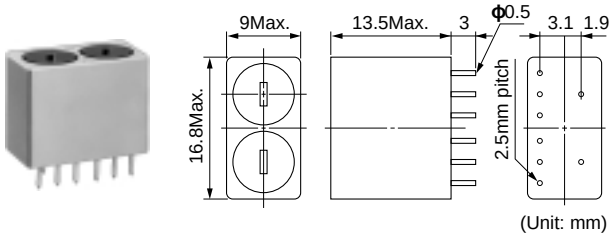
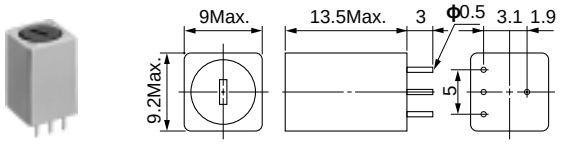
Low Frequency LC Filters
ABS07, ABW07, ABT07

Frequency Range: 10~200kHz
Inductance Range: 1~95mH
Optional capacitance values: 4~6800pF
Q: 100

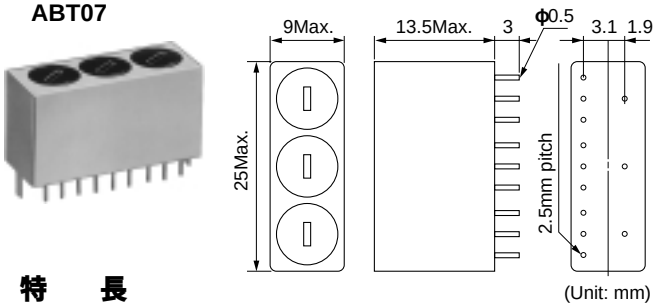
ABW07



ABS07



ABT07



Features

- Each unit, based on a 7mm square coil. will take up to 2 built-in capacitors.
- Usable frequency range of up to 200kHz for easy design of highpass, bandpass, and lowpass filters, equalizers, etc.
- Using three units together allows the construction of 7th order lowpass filters.

Applications

- Audio frequency filters for FM and MPX, Dolby systems, TV stereo sound, etc.

特　長

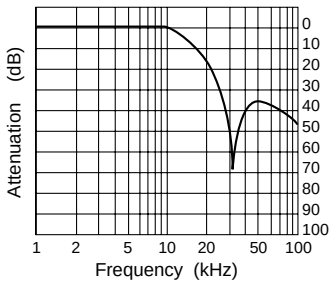
- 基本ユニットはコンデンサを2個内付できる7角コイル
- 200kHzまでの範囲のハイパスフィルタ、バンドパスフィルタ、ローパスフィルタ、イコライザなどの設計が可能
- ローパスフィルタの場合、トリプル構成で7次のフィルタが設計できる

用　途

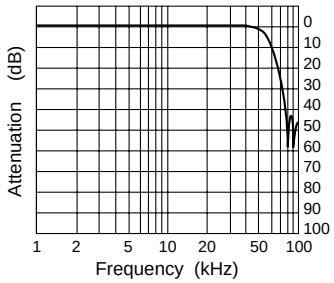
- FM、MPX用フィルタ、ドルビーシステム用フィルタ、TV音声多重用フィルタなどとして使用できるオーディオ用フィルタ

Frequency characteristics 周波数特性

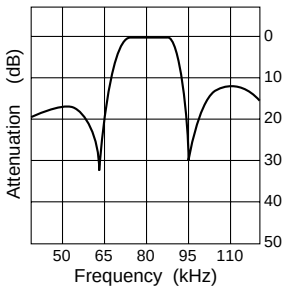
256BLV-4921N



257BLT-4070N



258BBV-4808N



SELECTION GUIDE FOR STANDARD FILTERS

ABS ABW ABT Series

東光品番 TOKO Part Number	タイプ Type	帯域幅またはカットオフ周波数 Bandwidth or Cutoff Freq. (kHz) (-3dB)	(-35dB)	入出力インピーダンス Input/Output Impedance (Ω)	備考 Notes
257BLR-3666N	ABW07	10.0	15.7	4700	10kHz LPF with 15.7kHz & 31.4kHz trap
258BBV-4527N	ABT07	68.7/88.7		3300	78.67kHz BPF without trap
257BLT-4670N	ABW07	47.2	78.7	4700	50kHz LPF
258BBV-4808N	ABT07	68.7/88.7		3300	78.67kHz BPF
256BLV-4921N	ABS07	13.0	31.5	4700	13kHz LPF
For duplex television sound					
257BLR-3666N	ABW07	10	15.7	4700	LPF with 15.7kHz & 31.4kHz traps
257BLR-4580N	ABW07	12		4700	LPF with 15.7kHz & 31.4kHz traps
258BBV-4527N	ABT07	68.7/88.7		3300	SAP BPF without trap
258BBV-4808N	ABT07	68.7/88.7		3300	SAP BPF with 63 & 94kHz traps
257BLT-4670N	ABW07	47.2		4700	LPF with 78.6 & 94kHz traps
For FM stereo					
257BLR-3618N	ABW07	15		4700	LPF with 19kHz & 38kHz traps
257BLRB-3811N	ABW07	13		3300	2CH LPF with 19kHz traps
257BLR-3718N	ABW07	15		3300	LPF with 19kHz & 38kHz traps
257BLR-3721N	ABW07	15		3300	LPF-For Dolby