

Low Frequency Audio LC Filters

ABS-07 / 10L Single

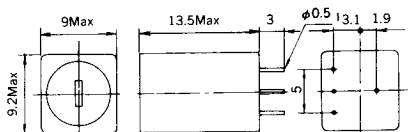
ABW-07 / 10L Double

ABT-07 / 10L Triple

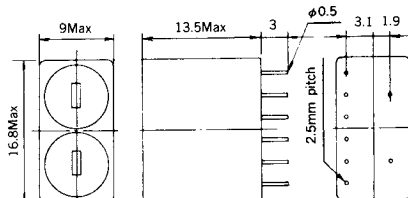
Frequency Range: 10kHz-200kHz

Inductance Range: 1mH-95mH

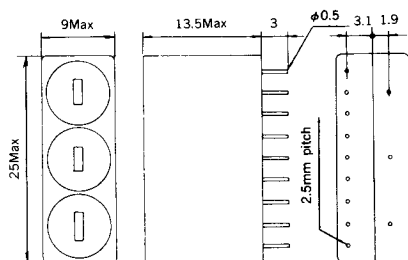
ABS-07



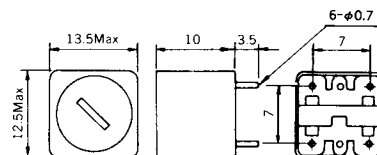
ABW-07



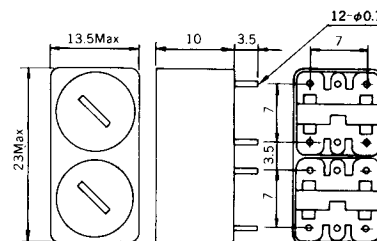
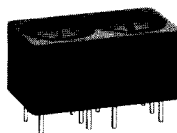
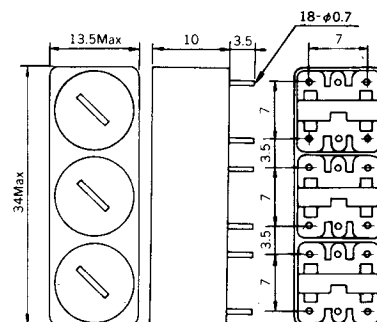
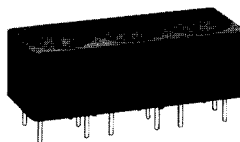
ABT-07



ABS-10L



ABW-10L

**ABT-10L**

Quality Features:

- Ideal for audio processing systems, FM multiplex and spectral skewing networks for dolby systems, low pass and band pass in stereo, security systems and power line carrier systems.
- Ferrite drum contains large capacity or for high Q and good inductance.
- Base can accommodate up to two internal capacitors.
- Drum and core are closely fitted for low magnetic reluctance and resultant high Q, typically 70 at 20kHz. Also features low magnetic coupling between coil forms.
- Coil form is wax impregnated to form a moisture barrier against corrosion and prevent microphonics.

- The -07 type cup core is threaded directly into base offering increased stability and smoother tuning.
- The -07 type base is high heat, thick phenol UL94HB to protect coil form during soldering.
- Large ferrite cup core provides excellent electromagnetic shielding for low EMI.
- Terminals feature rounded ends to facilitate PCB insertion and are presoldered to ensure a reliable PCB connection.

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STANDARD DEVICES SELECTION GUIDE

The Part Numbers shown in the table below are standard devices, which are readily available. TOKO will design and manufacture modified and custom devices with specific characteristics to meet your requirements. If you do not find the device for your application in this catalog, please see Modified and Custom Request Form located in the rear of this catalog.

TOKO Part Number	Type	Bandwidth (kHz)		I/O Impedance (Ω)	Notes
		@ - 3dB	@ - 35dB		
257BLR-3666N	ABW-07	10.0	15.7	4700	1kHz LPF
258BBV-4527N	ABT-07	68.7/88.7		3300	78.67kHz BPF
258BLR-4580N	ABW-07	12.0	15.7	4700	LPF
257BLT-4670N	ABW-07	47.2	78.7	4700	50kHz LPF
258BBV-4808N	ABT-07	68.7/88.7		3300	78.67kHz BPF
242BLRLA-3531N	ABW-10L	15.5	19.0	3300/ 5600	15kHz for Dolby
242BLR-3561N	ABW-10L	15.5	32.0	3300	15kHz LPF w/19 & 38 traps
242BLR-4539N	ABW-10L	13.0	25.0	5100	LPF

For Duplex Television Sound

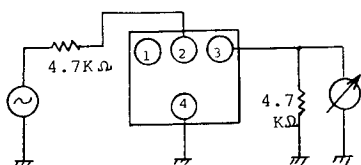
257BLR-3666N	ABW-07	10	15.7	4700	LPF w/15.7 kHz & 31.4 kHz traps
257BLR-4580N	ABW-07	12		4700	LPF w/15.7 kHz & 31.4 kHz traps
258BBV-4527N	ABT-07	68.7/88.7		3300	SAP BPF w/o Trap
258BBV-4808N	ABT-07	68.7/88.7		3300	SAP BPF w/63 & 94 Traps
257BLT-4670N	ABW-07	47.2		4700	LPF w/78.6 & 94 Traps

For FM Stereo

257BLR-3618N	ABW-07	15		4700	LPF w/19 & 38 Traps
257BLRB-3811N	ABW-07	13		3300	2CH LPF w/19 Traps
257BLR-3718N	ABW-07	15		3300	LPF w/19 & 38 Traps
257BLR-3721N	ABW-07	15		3300	LPF—For Dolby

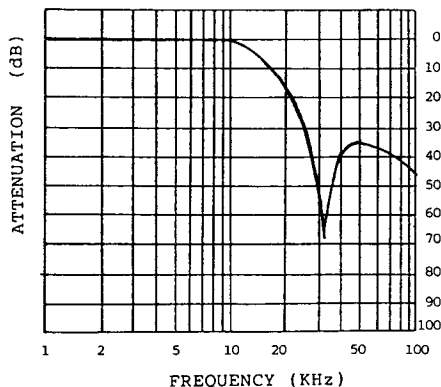
ABS-07 Type
256BLV-4921N

Test Circuit



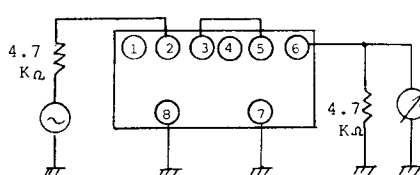
(Bottom View)

FREQUENCY CHARACTERISTICS



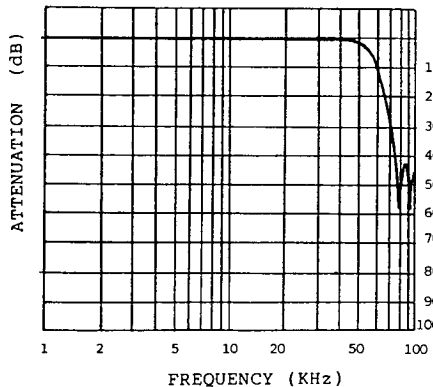
ABW 10L
242BLR-3561N

Test circuit



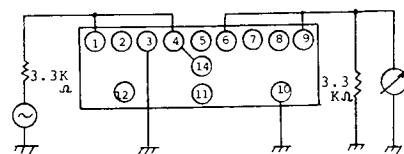
(Bottom View)

FREQUENCY CHARACTERISTICS



ABT-10L
243BLR-3564N

Test Circuit



(Bottom View)

FREQUENCY CHARACTERISTICS

