

Surface Mount Audiocoil (telecoil) Products

Global Coils is the world leader in the development of surface mount audiocoil products. Choose from our Standard Catalog items or allow us to design a custom coil to meet your most demanding audiocoil application. Please contact us to discuss your custom requirements. All Global Coils surface mount coil products are RoHS compliant.

Features

- Designed to withstand standard reflow temperatures
- Compatible with rigid or flex circuits
- Rugged encapsulation available for pick-and-place operations
- Tape and reel packaging for automated assembly
- Metal terminal pads standard
- PCB terminal pads available in custom designs



Standard Catalog Products

P15/P17 Models



PART #	Length (max)		Width (max)		Height (max)		Terminal Length (ref.)		R_{DC} (+/-10%) Ohms DC	Inductance (+15%/-20%) mH, 1 kHz	1 kHz Sensitivity (@ 1 A/m) ^a	
											Open Circuit (+/-2dB)	w/ 10k Ohm (+/-2dB)
	inch	mm	inch	mm	inch	mm	inch	mm			dBV/A/m	dBV/A/m
P15-05-JBN	.290	7.37	.095	2.42	.107	2.72	.070	1.78	2100	650	-51.0	-53.3
P17-05-EFL	.255	6.48	.095	2.42	.107	2.72	.070	1.78	875	120	-59.4	-60.0

NOTES:

^a Sensitivity in units of dBV (dB re 1V) @ H = 1 Amp/meter can be converted to units of mV/Gauss by use of the following relationship: $mV/Gauss = 79,570 \times 10^{(dBV/20)}$

-T part number suffix designates tape and reel packaging.



To provide the best products, Global Coils reserves the right to change materials, processes and specifications, without notice.

Please contact Customer Service at our European Sales Offices for further details, pricing and samples of these or any other Global Coils products.