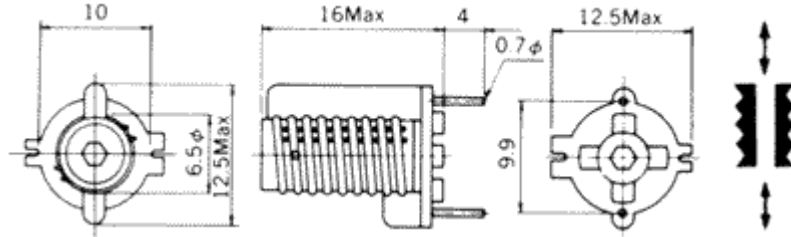


## S18 Series



### Technical Specification

Inductance Range : 0.3uH - 45uH  
 Temperature Coefficient : 150ppm/°C max

**Not recommended for new designs. Please use MC117 Series.**

### Features

- The S18 is a high stability moulded coil for general VHF applications in the region 30 to 200Mhz.
- The core may be adjusted from either end with the appropriate plastic hexagonal trimmer tool.
- A metal tool must not be used as it will de-tune the circuit, and will fracture the brittle ferrite core.
- Three types of cores are available, two ferrite and one aluminium.
- Also available is a single screening can, B.E.C Ref. 420003.
- For low level signal receiver coil or for low power areas such as multiplier stages of transmitters.
- Precise winding positioning is achieved on torsion machine to exact spec before polypropylene former is moulded around it. This assures a constant winding pitch which provides outstanding uniformity in inductance, minimum stray capacitance and optimum Q characteristics at high frequency.
- A location tab is provided at the base to indicate the starting side of the winding and to facilitate correct positioning into PCB.

## TOKO S18 MOULDED COILS

Toko Ref	Inductance	Qu min	Freq (MHz)	Colour code	Turns	BEC Ref
<b>(2 dot Ferrite Core -SN)</b>						
301SS/N-0100	0.04uH	150	100	white	1.5t	420100
301SS/N-0200	0.066uH	150	100	red	2.5t	420200
301SS/N-0300	0.114uH	170	100	orange	3.5t	420300
301SS/N-0400	0.18uH	170	100	yellow	4.5t	420400
301SS/N-0500	0.23uH	140	100	green	5.5t	420500
301SS/N-0600	0.297uH	130	100	blue	6.5t	420600
301SS/N-0700	0.389uH	140	100	violet	7.5t	420700
301SS/N-0800	0.45uH	170	100	white	8.5t	420800
<b>(Alloy Core -AN)</b>						

301AS/N-0100	0.03uH	100	100	white	1.5t	421100
301AS/N-0200	0.05uH	100	100	red	2.5t	421200
301AS/N-0300	0.064uH	85	100	orange	3.5t	421300
301AS/N-0400	0.082uH	75	100	yellow	4.5t	421400
301AS/N-0500	0.098uH	95	100	green	5.5t	421500
301AS/N-0600	0.12uH	90	100	blue	6.5t	421600
301AS/N-0700	0.141uH	90	100	violet	7.5t	421700
301AS/N-0800	0.168uH	90	100	white	8.5t	421800
<b>(3 dot Ferrite Core -KN)</b>						
301KS/N-0100	0.062uH	120	44	white	1.5t	422100
301KS/N-0200	0.081uH	68	54	red	2.5t	422200
301KS/N-0300	0.125uH	150	58	orange	3.5t	422300
301KS/N-0400	0.163uH	100	75	yellow	4.5t	422400
301KS/N-0500	0.222uH	100	65	green	5.5t	422500
301KS/N-0600	0.29uH	100	58	blue	6.5t	422600
301KS/N-0700	0.345uH	180	58	violet	7.5t	422700
301KS/N-0800	0.396uH	155	58	white	8.5t	422800