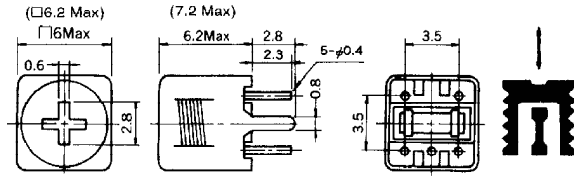


## 5mm TYPE 5P, 5PA

Frequency Range: 5P 0.2~2.0MHz, 5PA 0.1-1MHz  
 5P High Frequency 1-15MHz  
 Inductance Range: 5P 30 $\mu$ H-1mH, 5PA 0.8~4.2mH  
 5P High Frequency 1-40 $\mu$ H  
 Temperature Coefficient: TC (L) of 5P 850 $\pm$ 350ppm/ $^{\circ}$ C  
 5PA 750 $\pm$ 450ppm/ $^{\circ}$ C and  
 5P High Frequency 220 $\pm$ 220ppm/ $^{\circ}$ C.  
 With Internal Capacitor TC (F) of 5P or 5P  
 High Frequency 0 $\pm$ 250ppm/ $^{\circ}$ C  
 Optional Internal Capacitance Value:<sup>(1)(2)</sup>  
 (See selection guide)



( ) : 5PA  
 Unit: mm

## Features

- Low profile for compact designs.

## STANDARD COILS SELECTION GUIDE

- (1) The 5P is available with the following internal ceramic capacitors:  
 180, 470, 1500pF for standard AM applications.  
 (2) 5P High Frequency is available with internal ceramic capacitors,  
 18-47pF for standard FM applications.

## TYPE 5P

TOKO Part Number	Inductance Range ( $\mu$ H)	Q (min.)	Test Frequency (MHz)
5PNR-T1005Z	33.0 $\pm$ 5%	40	2.52
5PNR-T1006Z	39.0 $\pm$ 5%	40	2.52
5PNR-T1007Z	47.0 $\pm$ 5%	40	2.52
5PNR-T1008Z	56.0 $\pm$ 5%	40	2.52
5PNR-T1009Z	68.0 $\pm$ 5%	40	2.52
5PNR-T1010Z	82.0 $\pm$ 5%	40	2.52
5PNR-T1011Z	100.0 $\pm$ 5%	40	0.796
5PNR-T1012Z	120.0 $\pm$ 5%	40	0.796
5PNR-T1013Z	150.0 $\pm$ 5%	40	0.796
5PNR-T1014Z	180.0 $\pm$ 5%	40	0.796
5PNR-T1015Z	220.0 $\pm$ 5%	40	0.796
5PNR-T1016Z	270.0 $\pm$ 5%	40	0.796
5PNR-T1017Z	330.0 $\pm$ 5%	40	0.796
5PNR-T1018Z	390.0 $\pm$ 5%	40	0.796
5PNR-T1019Z	470.0 $\pm$ 5%	40	0.796
5PNR-T1020Z	560.0 $\pm$ 5%	40	0.796
5PNR-T1021Z	680.0 $\pm$ 5%	40	0.796

## TYPE 5P High Frequency

TOKO Part Number	Inductance Range ( $\mu$ H)	Q (min.)	Test Frequency (MHz)
332PN-T1012Z	1.0 $\pm$ 5%	55	7.96
332PN-T1013Z	1.2 $\pm$ 5%	55	7.96
332PN-T1014Z	1.5 $\pm$ 5%	55	7.96
332PN-T1015Z	1.8 $\pm$ 5%	55	7.96
332PN-T1016Z	2.2 $\pm$ 5%	55	7.96
332PN-T1017Z	2.7 $\pm$ 5%	55	7.96
332PN-T1018Z	3.3 $\pm$ 5%	55	7.96
332PN-T1019Z	3.9 $\pm$ 5%	55	7.96
332PN-T1020Z	4.7 $\pm$ 5%	55	7.96
332PN-T1021Z	5.6 $\pm$ 5%	55	7.96
332PN-T1022Z	6.8 $\pm$ 5%	55	7.96
332PN-T1023Z	8.2 $\pm$ 5%	55	7.96
332PN-T1024Z	10.0 $\pm$ 5%	55	2.52
332PN-T1025Z	12.0 $\pm$ 5%	55	2.52
332PN-T1026Z	15.0 $\pm$ 5%	55	2.52
332PN-T1027Z	18.0 $\pm$ 5%	55	2.52
332PN-T1028Z	22.0 $\pm$ 5%	55	2.52
332PN-T1029Z	27.0 $\pm$ 5%	55	2.52

## TYPE 5PA

TOKO Part Number	Inductance Range (mH)	Q (min.)	Test Frequency (kHz)
451AN-0002Z	0.8 $\pm$ 5%	65	796
451AN-0001Z	1.0 $\pm$ 5%	50	252
451AN-0042Z	2.0 $\pm$ 5%	40	252
451AN-0041Z	3.0 $\pm$ 5%	50	252

Toko Logo

## 5mm TYPE 5P, 5PG, 5PA, 5PAG

**Frequency Range:** 5P, 5PG 0.2~2.0MHz, 5PA, 5PAG 0.1-1MHz  
5P High Frequency 1-15MHz

product  
illustration

**Inductance Range:** 5P, 5PG 30-680 $\mu$ H  
5P, 5PG High Frequency 1-40 $\mu$ H  
5PA, 5PAG 100 $\mu$ H-4.5mH

**Temperature Coefficient:** TC (L) of 5P, 5PG 850 $\pm$ 350ppm/ $^{\circ}$ C  
5PA, 5PAG 750 $\pm$ 450ppm/ $^{\circ}$ C and  
5P, 5PG High Frequency 220 $\pm$ 220ppm/ $^{\circ}$ C.  
With Internal Capacitor TC (F) of 5P, 5PG or 5P,  
5PG  
High Frequency 0 $\pm$ 250ppm/ $^{\circ}$ C

**Optional Internal Capacitance Value:**<sup>(1) (2)</sup>  
(See selection guide)

### Features

- Low profile for compact designs.

dimensions

## Standard Parts Selection Guide

1. The 5P is available with the following internal ceramic capacitors: 180, 470, 1500pF for standard AM applications.
2. 5P High Frequency is available with internal ceramic capacitors, 18-56pF for standard FM applications.

## Type 5P

TOKO Part Number	Inductance Range (uH)	Q (min.)	Test Frequency (MHz)
5PNR-3509Z	47.0±5%	40	2.52
5PNR-3510Z	56.0±5%	40	2.52
5PNR-3511Z	68.0±5%	40	2.52
5PNR-3512Z	82.0±5%	40	2.52
5PNR-3513Z	100.0±5%	40	2.52
5PNR-3514Z	120.0±5%	40	2.52
5PNR-3515Z	150.0±5%	40	0.796
5PNR-3616Z	180.0±5%	40	0.796
5PNR-3617Z	220.0±5%	40	0.796
5PNR-3618Z	270.0±5%	40	0.796
5PNR-3619Z	330.0±5%	40	0.796
5PNR-3620Z	470.0±5%	40	0.796
5PNR-3637Z	560.0±5%	40	0.796
5PNR-3638Z	680.0±5%	40	0.796

## 5P High Frequency

TOKO Part Number	Inductance Range (uH)	Q (min.)	Test Frequency (MHz)
332PN-3489Z	1.0±5%	55	7.96
332PN-3490Z	1.2±5%	55	7.96
332PN-3491Z	1.5±5%	55	7.96
332PN-3492Z	1.8±5%	55	7.96
332PN-3493Z	2.2±5%	55	7.96
332PN-3494Z	2.7±5%	55	7.96
332PN-3495Z	3.3±5%	55	7.96
332PN-3496Z	3.9±5%	55	7.96
332PN-3497Z	4.7±5%	55	7.96
332PN-3498Z	5.6±5%	55	7.96
332PN-3499Z	6.8±5%	55	7.96
332PN-3500Z	8.2±5%	55	7.96
332PN-3501Z	10.0±5%	55	2.52
332PN-3502Z	12.0±5%	55	2.52
332PN-3503Z	15.0±5%	55	2.52
332PN-3504Z	18.0±5%	55	2.52
332PN-3505Z	22.0±5%	55	2.52
332PN-3506Z	27.0±5%	55	2.52
332PN-3507Z	33.0±5%	55	2.52
332PN-3508Z	39.0±5%	55	2.52

## 5PA

TOKO Part Number	Inductance Range (mH)	Q (min.)	Test Frequency (kHz)
451AN-0002Z	0.8±5%	65	796
451AN-0001Z	1.0±5%	50	252
451AN-0042Z	2.0±5%	40	252
451AN-0041Z	3.0±5%	50	252

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To view the **5P, 5PA data**, in \*.PDF version click [Here](#). (file size: 28k).

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