## Osumida

IFT COILS < P-5DJ Series>

## Type: P-5DJ/AM, P-5DJ/SW, P-5DJ/FM

## - Product Description

$\cdot 5.9 \times 5.9 \mathrm{~mm}$ Max. $(\mathrm{L} \times \mathrm{W})$ ) 6.5 mm Max. Height.

- Inductance:1~680 $\mu \mathrm{H}$ Max.
- Operating frequency:20MHz Max.
- In addition to the reference versions of parameters shown here, custom designs are available to meet your exact requirements.



## - Feature

- Variable shielded high Q types.
- AM,SW,FM types are available.
- Internally assembled condenser is available.
- RoHS Compliance


## - Dimensions(mm)



* Dimension does not include solder used on coil.
* Pin pitch shall be measured at the root of terminal.
* Dimension without tolerance are approx.


## - Connection (Bottom View)


P-5DJ/AM

P-5DJ/SW

P-5DJ/FM
" $S$ " is winding start

## Type: P-5DJ/AM, P-5DJ/SW, P-5DJ/FM

- Specification ( P -5DJ/AM)

| Item | $(1-3)$ | Measuring Conditions |
| :--- | :---: | :---: |
| Tuning frequency | $450 \mathrm{k} \mathrm{Hz} \pm 2 \%$ Variable | - |
| Unloaded Q | 65 Min. | 450 MHz |
| Capacity(Int.) | $180 \mathrm{p} \mathrm{F} \pm 10 \%$ | - |
| Ext. Stray capacity 5pF between (1-3) at measuring. |  |  |

- Specification( P -5DJ/SW)

| Item | $(1-3)$ | Measuring Conditions |
| :--- | :---: | :---: |
| Inductance | $28 \mu \mathrm{H} \pm 7 \%$ Variable | 2.52 MHz |
| Unloaded Q | 45 Min. (75 Typ. at 9 MHz$)$ | 5 MHz |

- Specification ( $\mathrm{P}-5 \mathrm{DJ} / \mathrm{FM}$ )

| Item | $(1-3)$ | Measuring Conditions |
| :--- | :---: | :---: |
| Frequency | $450 \mathrm{k} \mathrm{Hz} \pm 3 \%$ Variable |  |
| Unloaded Q | 50 Min. | 450 MHz |
| INT Capacity | 180 p F |  |

