

Type: FEM-85, FEM-85B

◆ Product Description

- 9.0×5.5mm Max.(L×W), 9.5mm Max. Height.
- Inductance:0.05~0.13 μ H ,Operating frequency:200MHz
- In addition to the standard versions of parameters shown here, custom designs are available to meet your exact requirements.

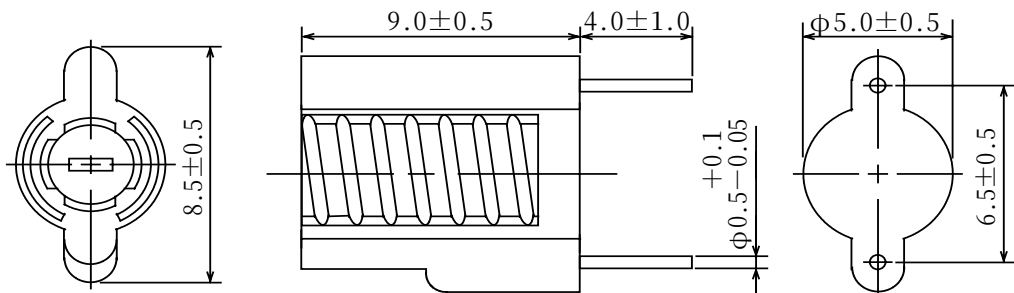
◆ Feature

- Variable unshielded type.
- Ideally used in FM Radio ,TV. Transceiver
- RoHS Compliance

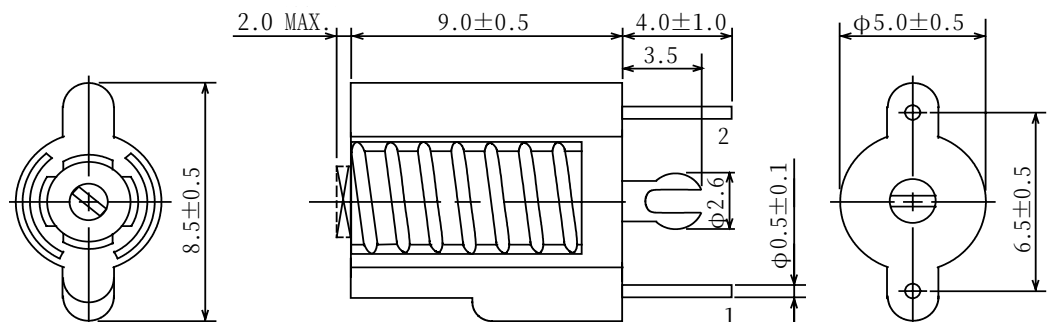
◆ Dimensions (mm)



FEM-85

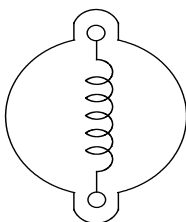


FEM-85B



- * Dimension does not include solder used on coil
- * Pin pitch should be measured at the root of terminal.

◆ Connection (Bottom View)



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◆ Specification (FEM-85)

Part No.	Color	Turns	Tuning capacitance (Variable)	Unloaded Q(Min.)	Measuring frequency (MHz)
FEM85NP-1F	Natural	1½T	72.5pF ± 4%	70	100
FEM85NP-2F	Red	2½T	48.5pF ± 4%	85	100
FEM85NP-3F	Orange	3½T	34.5pF ± 4%	100	100
FEM85NP-4F	Yellow	4½T	25.0pF ± 4%	105	100
FEM85NP-5F ※1	Green	5½T	20.0pF ± 4%	105	100
FEM85NP-1B ※2	Natural	1½T	64.0pF ± 3%	55	120
FEM85NP-2B ※2	Red	2½T	72.0pF ± 3%	50	100
FEM85NP-3B ※2	Orange	3½T	54.0pF ± 3%	50	100
FEM85NP-4B ※2	Yellow	4½T	45.5pF ± 3%	45	100
FEM85NP-5B ※2	Green	5½T	39.0pF ± 3%	45	100

Adjustable core F: Ferrite core, B: Brass core.

* VHF Q-METER to be used when measuring.

※1 Tuning capacitance to be measured allowing the core to have 0.5mm Max. fly out from the top of coil.

※2 Tuning capacitance to be measured allowing the core to have 1.0mm Max. fly out from the top of coil.

◆ Specification (FEM-85B)

Part No.	Color	Turns	Tuning capacitance (Variable)	Unloaded Q(Min.)	Measuring frequency (MHz)
FEM85B-1	Natural	1½T	85.3pF ± 4%	70	100
FEM85B-2	Red	2½T	40.6pF ± 4%	80	120
FEM85B-3	Orange	3½T	43.7pF ± 4%	90	100
FEM85B-4	Yellow	4½T	35.0pF ± 4%	85	100
FEM85B-5	Green	5½T	28.3pF ± 4%	100	100

* VHF Q-METER to be used when measuring.