

# Filter THT

## LTP-series



### Features:

- Three pins filter
- For AM
- 450 ~ 470 KHz

| Specifications            |           | LTP         |                      |                      |                      |
|---------------------------|-----------|-------------|----------------------|----------------------|----------------------|
| Part                      |           | A           | B                    | BY                   | BY1                  |
| 3db band width (kHz) min  |           | 9.5 +/-3    | 9.5 +/-3             | 7 +/-2               | 4.5 +/-1.5           |
| Selectivity (dB) min      | -9KHz off | 5.0         | 5.0                  | 6.0                  | 9.0                  |
|                           | +9KHz off | 3.0         | 3.0                  | 5.0                  | 8.0                  |
| Insertion loss (dB) max   |           | 5.0         | 5.0                  | 5.0                  | 5.0                  |
| Composition               |           | one element | one element with IFT | one element with IFT | one element with IFT |
| Lead length L (mm) +/-0.5 | L1        | 2.3         | 2.3                  | 2.3                  | 2.3                  |
|                           | L2        | 3.6         | 3.6                  | 3.6                  | 3.6                  |
|                           | L3        | 5.0         | 5.0                  | 5.0                  | 5.0                  |
|                           | L4        | 7.0         | 7.0                  | 7.0                  | 7.0                  |

| Drawing  | Characteristics                                |
|--|--|
| <p style="text-align: center;">LTP</p> <p style="text-align: center;">Dimensions in mm</p> | <p style="text-align: center;">IFT+LTP455B</p> |

| Test circuit   | Recommended IFT (7mm square)  |             |         |  |  |   |     |     |     |     |      |    |             |     |  |  |                 |       |  |  |
|--|---|-------------|---------|--|--|---|-----|-----|-----|-----|------|----|-------------|-----|--|--|-----------------|-------|--|--|
| <p style="text-align: center;"><math>R_g + R_1 = R_2 = 3K\Omega</math></p> | <table border="1"> <thead> <tr> <th>Item \ Type</th> <th colspan="3">LTP455B</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Winding Specification<br/>① ② ③ ④ ⑤ ⑥<br/>From bottom</td> <td>①~②</td> <td>②~③</td> <td>④~⑥</td> </tr> <tr> <td>70T</td> <td>115T</td> <td>7T</td> </tr> <tr> <td>Unloaded Qu</td> <td colspan="3">105</td> </tr> <tr> <td>Tuning Capacity</td> <td colspan="3">180PF</td> </tr> </tbody> </table> | Item \ Type | LTP455B |  |  | Winding Specification<br>① ② ③ ④ ⑤ ⑥<br>From bottom | ①~② | ②~③ | ④~⑥ | 70T | 115T | 7T | Unloaded Qu | 105 |  |  | Tuning Capacity | 180PF |  |  |
| Item \ Type  | LTP455B   |             |         |  |  |   |     |     |     |     |      |    |             |     |  |  |                 |       |  |  |
| Winding Specification<br>① ② ③ ④ ⑤ ⑥<br>From bottom                        | ①~②   | ②~③         | ④~⑥     |  |  |   |     |     |     |     |      |    |             |     |  |  |                 |       |  |  |
|  | 70T   | 115T        | 7T      |  |  |   |     |     |     |     |      |    |             |     |  |  |                 |       |  |  |
| Unloaded Qu  | 105   |             |         |  |  |   |     |     |     |     |      |    |             |     |  |  |                 |       |  |  |
| Tuning Capacity  | 180PF   |             |         |  |  |   |     |     |     |     |      |    |             |     |  |  |                 |       |  |  |

| Order key         |              |                          |                                      |   |
|-------------------|--------------|--------------------------|--------------------------------------|---|
| <b>F</b>          | <b>- LTP</b> | <b>- BY</b>              | <b>- 455 K</b>                       | <b>-</b>                                  |
| Part              | Package      | Individual specification | Center frequency<br>M = MHz, K = KHz | Opion                                     |
| F= Ceramic filter | LTP          | A<br>B<br>BY<br>BY1      | 450 ~ XXX ~ 470 KHz                  | blanc = standard<br><br>X=Special options |

Remarks: All specifications subject to change without notice!