

# Complex type EMI Filters

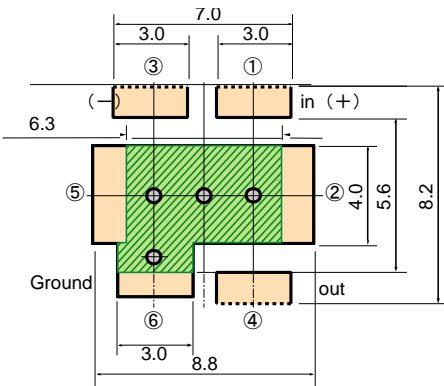
## <DCM Series>

### Soldering (for only reflow soldering)

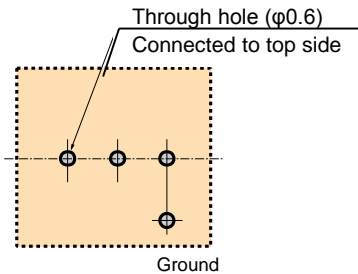
#### 1.Basic design

Recommended P.C.Board pattern  
Please use both side of P.C.B.

(1) Top side



(2) Bottom side



①~⑥: terminal number  
unit: mm, dimensions tolerance:  $\pm 0.1\text{mm}$   
Copper foil thickness:  $35\mu\text{m}$

#### The notice in case of installation

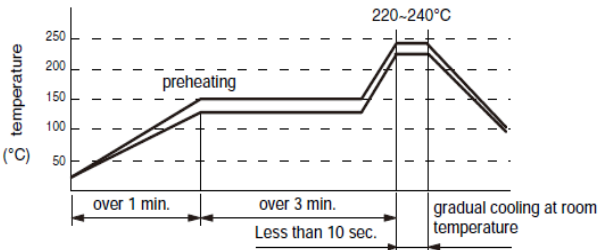
When mounting into the printed circuit board, pay attention to the following point.

- (1) Always use all terminals and take ground large as much as possible.  
( Depending on the way of taking ground, the characteristic of the specification sometimes can not be sufficiently boiled. )
- (2) Wire so as not for the power ground ( terminal ③ ) and the circuit ground ( terminal ②, ⑤, ⑥ ) to connected.

#### 2.General cautions for soldering (for only reflow soldering)

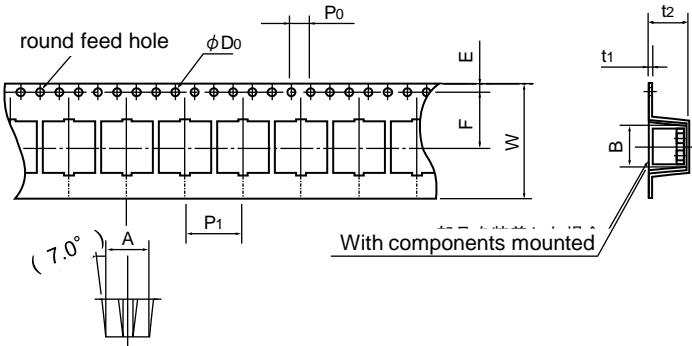
For soldering, please refer to the soldering curves right.  
This part is lead-free soldering.

reflow soldering recommended conditions



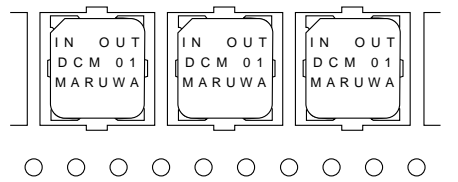
#### 3.Taping

Taping specifications (tape materials:plastic)



#### Product insertion direction

← tape drawer derection



type	A	B	W	F	E	P1	P0	D0	t1	t2
DCM	8.7 ± 0.1	8.7 ± 0.1	24.0 ± 0.3	11.5 ± 0.1	1.75 ± 0.1	12.0 ± 0.1	4.0 ± 0.1	φ 1.5 <sup>+0.1</sup> <sub>-0</sub>	0.6max.	8.0max.

#### Package qty.

type	Package qty.
Taping qty.	500 pcs / reel
Tray qty.	500 pcs