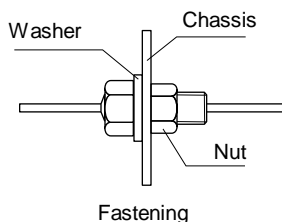
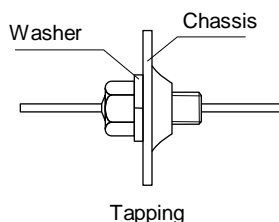


Handling Precautions / Quantity of Packages

■ Methods of installation

1. Screw type

Screw type EMI filters can be used with non solderable aluminum chassis with matching thread hole. Fastening torques are specified. Process in the regulated value by using the torque screwdriver.



Recommended hole size of chassis at fastening

M3	Type	φ 3.2
M3.5	Type	φ 3.7
M4	Type	φ 4.2
M5	Type	φ 5.2

2. When using soldering types (FTA3S,56S), please use the following methods.

• Recommended Solder

Use low-melting solder of which melting temperature is 165°C max.

• Recommended Method

Use reflow soldering. Avoid rapid heating/cooling, preheat to around 130 °C, and then process at 220 °C in the reflow zone for 10 sec. max.

• Recommended hole size for soldering

FTA 3S	φ 3.4
FTA 56S	φ 5.8

■ Soldering to lead wire

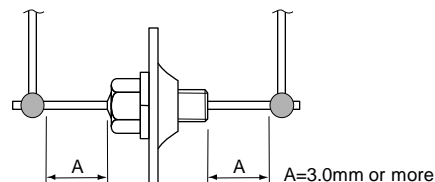
1. Soldering to lead wires is to be processed with internal solder in case of soldering by a soldering iron.

Lead wires are excellent in soldering heat resistance.

• Recommended Method

Temperature of soldering iron should be 300° C max. for 10 seconds max.

Do not let the solder get within 3mm of the body of the part.



2. Don't bend a lead wire. Be careful that mechanical stress is not applied to the EMI filter itself when you unavoidably bend a lead wire.

■ Recommended fastening torque

Type	Fastening torque
FTA30, FTB30, FTT30, FTA32	0.245N•m
FTA35, FTP30	0.441N•m
FTT4C, FTT41	0.343N•m
FTA41, FTP40, FTT40, FTA4D	0.539N•m
FTA5B, FTA5C, FTA5D, FTB50	
FTP82	0.686N•m

■ Minimum packaging quantity

Type	Unit Quantity
FTA30, FTA4#, FTA4D, FTA35	200 pcs
FTB30, FTT30, FTT40	
FTP30, FTP40	
FTA3S	
FTA5B, FTA5C, FTA5D	100 pcs
FTB50, FTA56S	
FTB82	25 pcs