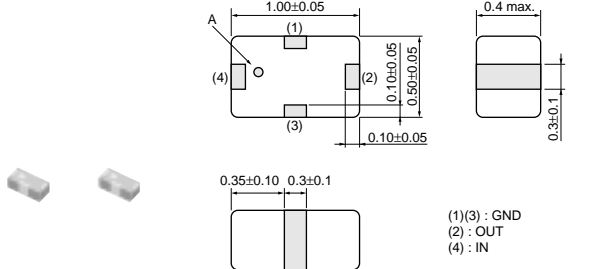


for RF/Local

Chip Multilayer LC Filters (LPF)

● LFL15_TC (0402) /LFL18_TC (0603) /LFL21_TC (0805) Series

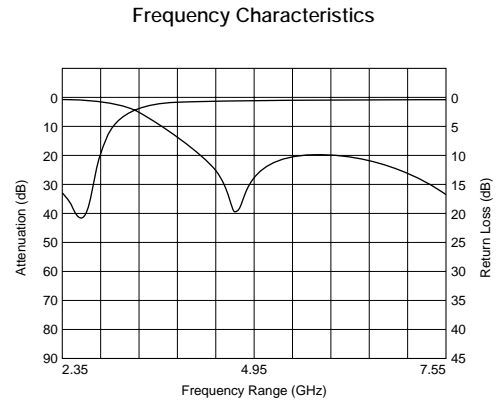
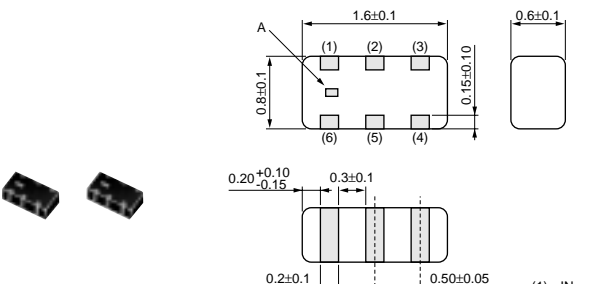


LFL15_TC Series

A : Directional Input Mark

All the technical data and information contained herein are subject to change without prior notice. (in mm)

(1)(3) : GND
(2) : OUT
(4) : IN

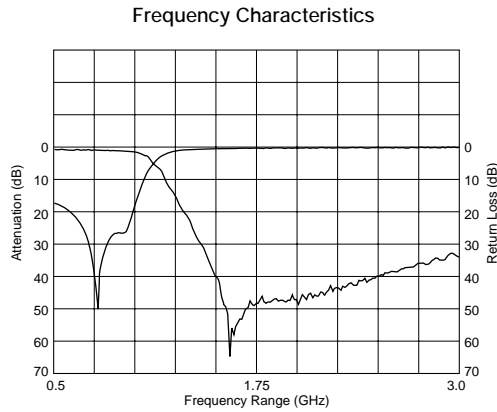
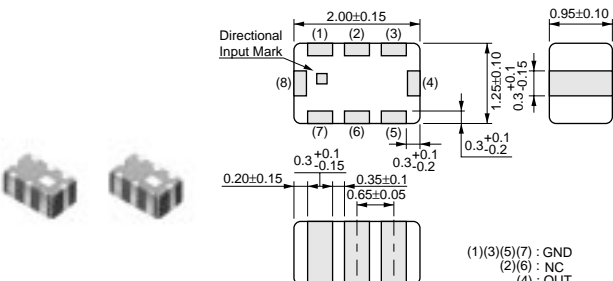



LFL18_TC Series

A : Pin 1 Marking

All the technical data and information contained herein are subject to change without prior notice. (in mm)

(1) : IN
(2)(4)(6) : GND
(3) : OUT
(5) : NC

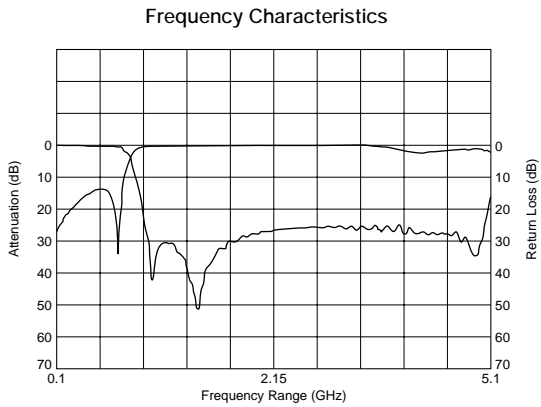



LFL21_TC Series

Directional Input Mark

Terminal of "NC" should be fixed to no connected pattern.
* All the technical data and information contained herein are subject to change without prior notice. (in mm)

(1)(3)(5)(7) : GND
(2)(6) : NC
(4) : OUT
(8) : IN



△Note • This catalog has only typical specifications because there is no space for detailed specifications. Therefore, please approve our product specifications or transact the approval sheet for product specifications before ordering. Especially, please read rating and △CAUTION (for storage, operating, rating, soldering, mounting and handling) in them to prevent smoking and/or burning, etc.
• You are able to read a detailed specifications in the website (<http://search.murata.co.jp/>) before to require our product specifications or to transact the approval sheet for product specifications.

| Part Number | Nominal Center Frequency (fo) (MHz) | Bandwidth (BW) (MHz) | Insertion Loss in BW (dB) | Attenuation (Absolute Value) I) (dB) | Attenuation (Absolute Value) II) (dB) |
|------------------|-------------------------------------|----------------------|---------------------------|--------------------------------------|---------------------------------------|
| LFL152G45TC1A219 | 2450.0 | fo±50.0 | 0.45 max. (at 25°C) | 21.0 min. at 2x(fo±50.0)MHz | 21.0 min. at 3x(fo±50.0)MHz |
| LFL18815MTC2A072 | 815.5 | fo±9.5 | 0.80 max. (at 25°C) | 35.0 min. at 2x(fo±9.5)MHz | 30.0 min. at 3x(fo±9.5)MHz |
| LFL18924MTC1A052 | 924.5 | fo±35.0 | 0.40 max. (at 25°C) | 20.0 min. at 2x(fo±35.0)MHz | 15.0 min. at 3x(fo±35.0)MHz |
| LFL182G45TC1A108 | 2450.0 | fo±50.0 | 0.37 max. (at 25°C) | 27.0 min. at 4800-5000MHz | 25.0 min. at 7200-7500MHz |
| LFL182G45TC1A202 | 2450.0 | fo±50.0 | 0.40 max. (at 25°C) | 27.0 min. at 4800-5000MHz | 30.0 min. at 7200-7500MHz |
| LFL21600MTC1A002 | 600.0 | fo±250.0 | 1.37 max. (at 25°C) | 20.0 min. at 1550-4250MHz | 9.0 min. at 1100MHz |
| LFL21847MTC1A006 | 847.5 | fo±37.5 | 0.75 max. (at 25°C) | 30.0 min. at 2x(fo±37.5)MHz | 30.0 min. at 3x(fo±37.5)MHz |
| LFL21902MTC1A018 | 902.5 | fo±12.5 | 0.6 max. (at 25°C) | 30.0 min. at 2x(fo±12.5)MHz | 30.0 min. at 3x(fo±12.5)MHz |
| LFL211G35TC1A001 | 1350.0 | fo±250.0 | 0.92 max. (at 25°C) | 25.0 min. at 2300-5000MHz | - |
| LFL211G44TC1A014 | 1441.0 | fo±12.0 | 0.47 max. (at 25°C) | 31.0 min. at 2xfoMHz | 26.0 min. at 3xfoMHz |
| LFL211G79TC1A011 | 1795.0 | fo±85.0 | 0.47 max. (at 25°C) | 30.0 min. at 2x(1747.5±37.5)MHz | 25.0 min. at 2x(1842.5±37.5)MHz |
| LFL211G89TC1A015 | 1890.0 | fo±10.0 | 0.47 max. (at 25°C) | 30.0 min. at 2x(fo±10.0)MHz | 26.0 min. at 3x(fo±10.0)MHz |
| LFL211G90TC1A008 | 1907.5 | fo±12.5 | 0.47 max. (at 25°C) | 30.0 min. at 2x(fo±12.5)MHz | 25.0 min. at 3x(fo±12.5)MHz |
| LFL211G92TC1A060 | 1920.0 | fo±70.0 | 0.6 max. (at 25°C) | 24.0 min. at 3335-3700MHz | 30.0 min. at 3700-3820MHz |
| LFL212G45TC1A007 | 2450.0 | fo±50.0 | 0.50 max. (at 25°C) | 27.0 min. at 2x(fo±50.0)MHz | 30.0 min. at 3x(fo±50.0)MHz |
| LFL215G25TC1A156 | 5250.0 | fo±100.0 | 0.70 max. (at 25°C) | 24.0 min. at 2x(fo±100)MHz | 19.0 min. at 3x(fo±100)MHz |
| LFL215G37TC1A210 | 5375.0 | fo±475.0 | 0.70 max. (at 25°C) | 30.0 min. at 2x(fo±475)MHz | 20.0 min. at 3x(fo±475)MHz |
| LFL215G51TC1A149 | 5512.0 | fo±363.0 | 0.70 max. (at 25°C) | 30.0 min. at 2x(fo±363)MHz | 20.0 min. at 3x(fo±363)MHz |
| LFL215G78TC1A155 | 5787.5 | fo±62.5 | 0.70 max. (at 25°C) | 30.0 min. at 2x(fo±62.5)MHz | 20.0 min. at 3x(fo±62.5)MHz |