MHz SMD Ceramic Filter CF33 series

RFQ

Request For Quotation

L3.45*W3.1*H1.4mm

MAIN FEATURE

- SMD Package, 4 pads, 10.70MHz
- Low Cost and short lead time
- Compatible to Murata SFECF/SFECV Series

APPLICATION

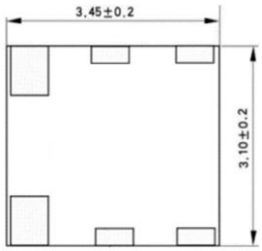
- Communication and more

STANDARD SPECIFICATION

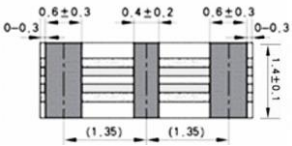
Short Part Number	Unit	CF33 10.7MS3	CF33 10.7MS2	CF33 10.7MSA5	CF33 10.7MSA20
3dB Band Width kHz (Min.)	KHz	180±40	230±50	280±50	330±50
20dB Band Width kHz (Max.)	KHz	470	510	590	700
Insertion Loss (Max.)	dB	4.5±2.0	3.5±2.0	3.0±2.0	3.0±2.0
Spurious Attenuation (9-12MHz)	dB	30	30	30	30
Operating Temp. Range	°C	-20~+85			
Storage Temp. Range	°C	-40~+85			
Ripple Max.	dB	1.0			
Temp. Coefficient of Freq. Max.	ppm/°C	±50 '@-20 ~ +80 °C			
Input/Output Impedance typ.	ohm	330			
Insulation Resistance Min.	Mohm	100 @DC 10V 1 minute+/-5 sec.			
Withstand DC Voltage Max.	V	50 @ 1 min			

DIMENSION (mm)

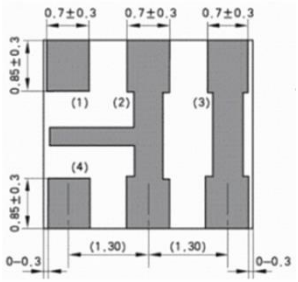
Top View



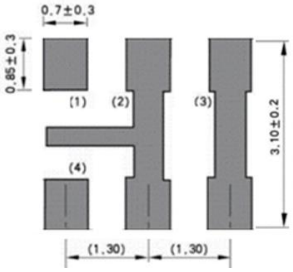
Side View



Bottom View



Solder Pattern



① Input ② Ground ③ N/A ④ Output

PART NUMBER GUIDE

Example: TGS CF33 10.7M SA5TLF

Part Number and Part Code Structure

TGS	CF 33	10.7M SA5	T	LF	XX
1	2	3 4	5	6	7

1) TGS: Company Code
2) CF33: Ceramic Filter, SMD Type L3.45*W3.1*H1.4mm
3) 10.7M: Frequency Range in MHz, 10.70MHz
4) SA5: Design Mode Code or Specify
5) T: Package in Tape/Reel, 4000pcs/Reel
6) LF: RoHS Compliant
7) XX: Internal Control Code- 2 letter or digits ; Blank: N/A

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