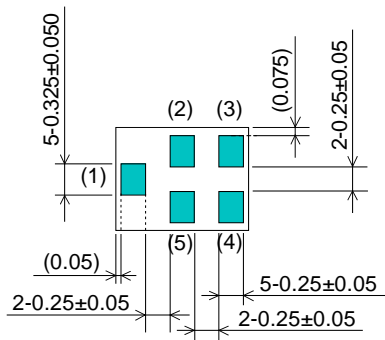
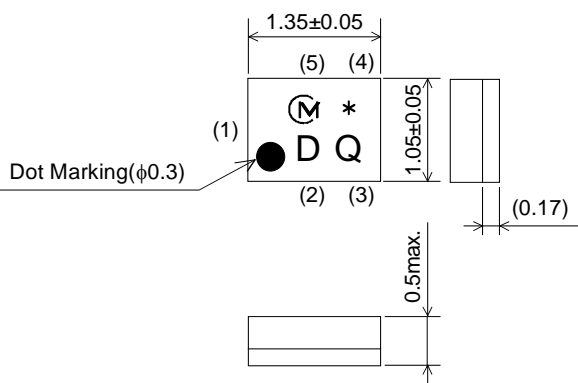


SAW FILTER FOR BAND13

Murata part number : SAFEA751MFM0F00

Package Dimensions



Marking
: Laser Printing

(1) : Unbalance Port
(3)(4) : Balance Port
Others : Ground

Unit : mm

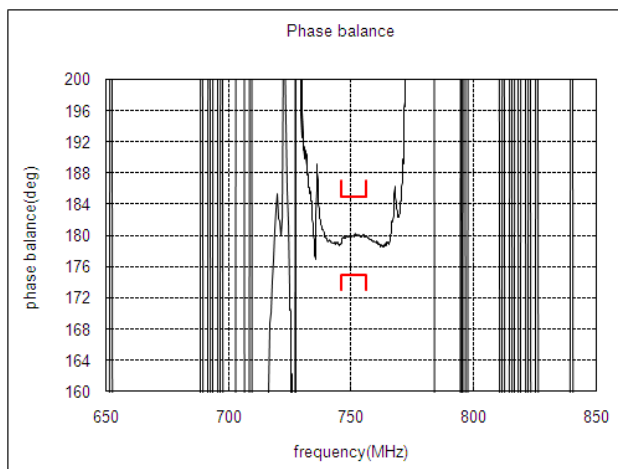
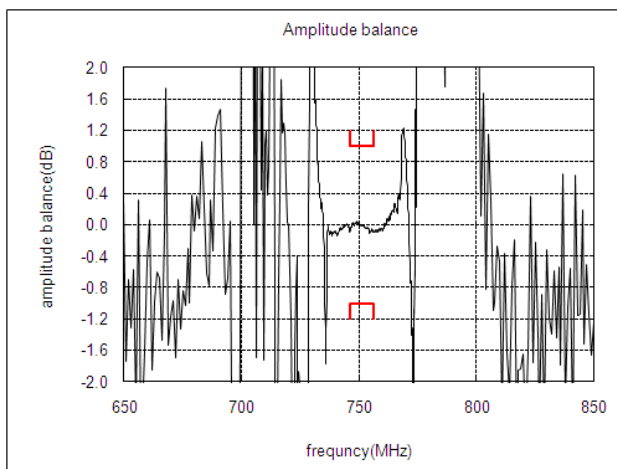
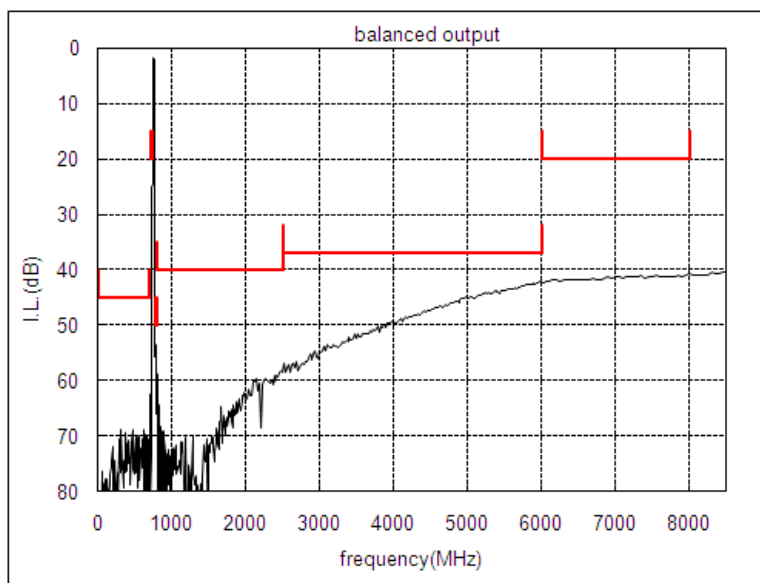
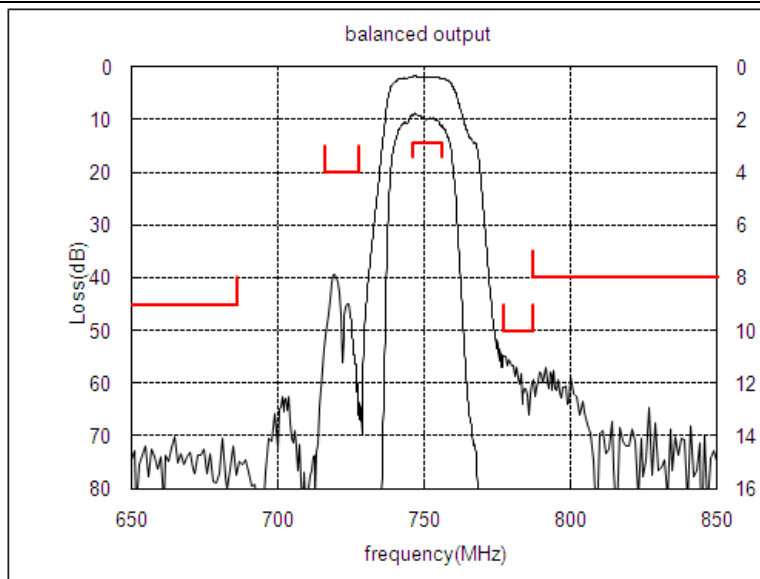
Specification

Item	Specification		
	-30 to 85°C	25±2°C	typ.
Nominal Center Frequency(f_c)	751MHz		
Insertion Loss (746 to 756MHz)	2.9dB max.	2.7dB max.	2.2 dB
Absolute Attenuation			
1) 10 to 686 MHz	45 dB min.	45 dB min.	69 dB
2) 716 to 728 MHz	20 dB min.	20 dB min.	40 dB
3) 777 to 787 MHz	50 dB min.	50 dB min.	54 dB
4) 787 to 2500 MHz	40 dB min.	40 dB min.	57 dB
5) 2500 to 6000 MHz	37 dB min.	37 dB min.	42 dB
6) 6000 to 8000 MHz	20 dB min.	20 dB min.	41 dB
Ripple Deviation (746 to 756MHz)	1.3dB max.	1.3dB max.	0.5 dB
VSWR (746 to 756MHz)	2.0 max.	2.0 max.	1.6
Amplitude Balance (746 to 756MHz)	±1.0dB max.	±1.0dB max.	+0.1dB
Phase Balance (746 to 756MHz)	180±5deg. max.	180±5deg. max.	180+1deg.
Unbalance Port Matching Impedance (nominal)	50Ω		
Balance Port Matching Impedance (nominal)	100Ω		

SAW FILTER FOR BAND13

Murata part number : SAFEA751MFM0F00

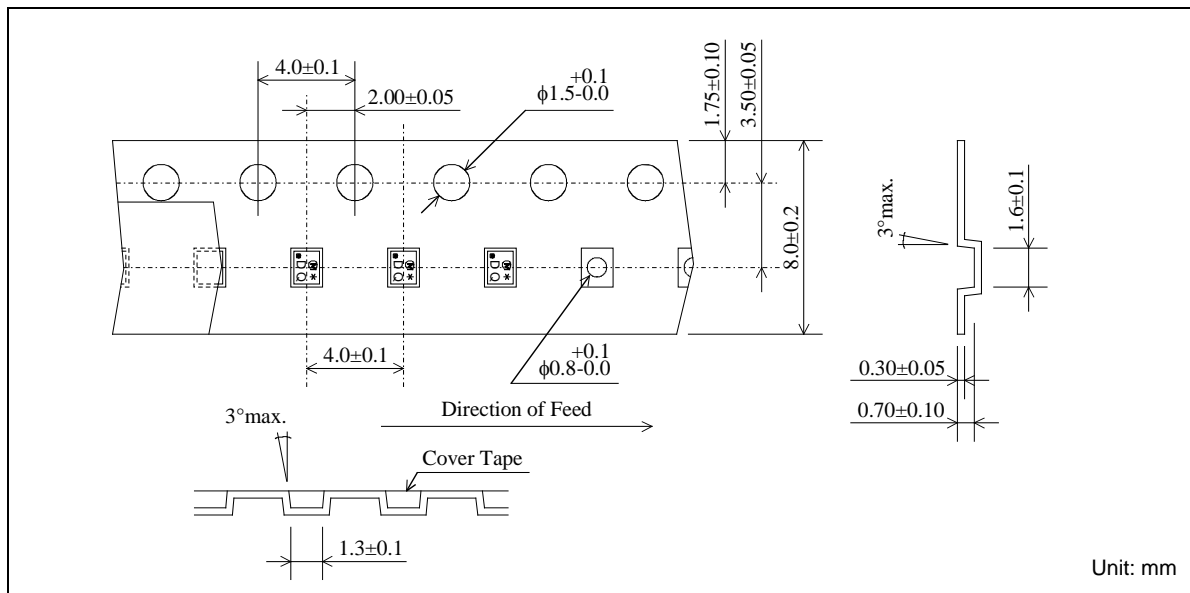
Frequency Performance



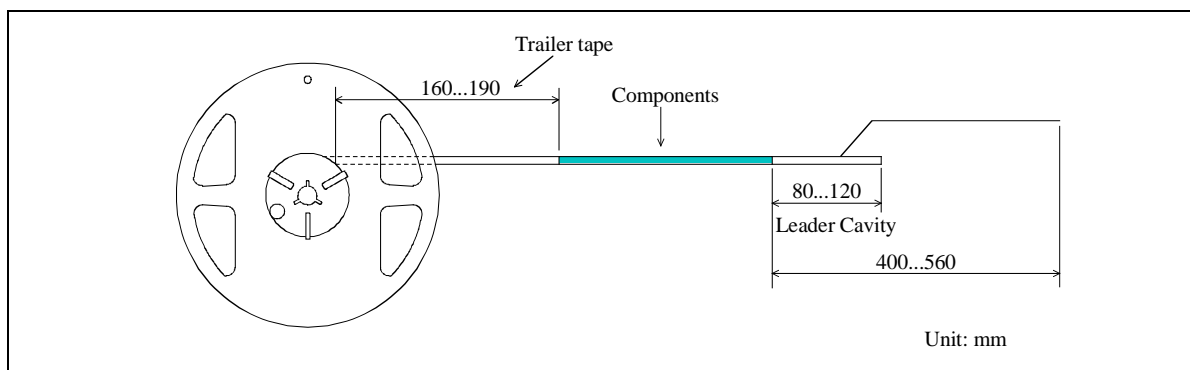
SAW FILTER FOR BAND13

Murata part number : SAFEA751MFM0F00

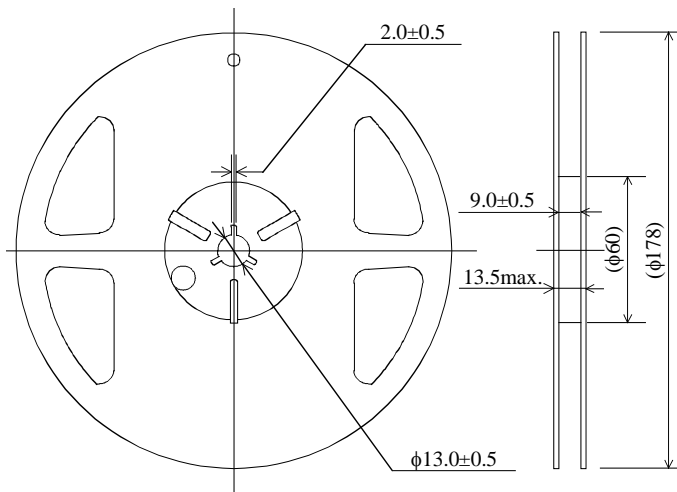
Dimensions of Carrier Tape



Dimensions of Tape



Dimensions of Reel

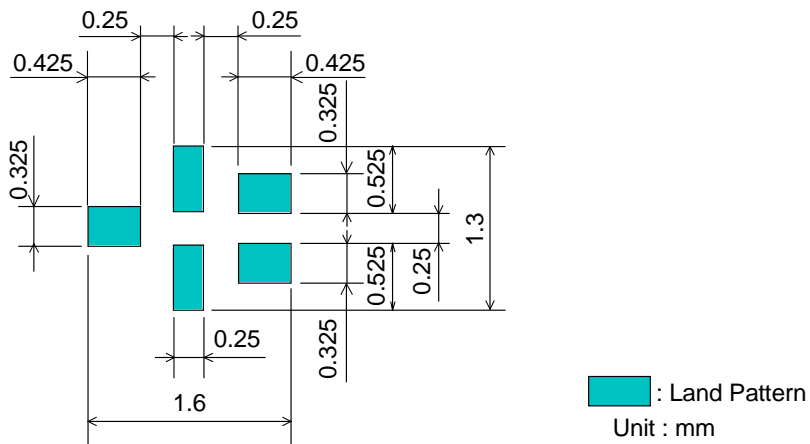


SAFEA751MFM0F00R12 ... 2000pcs/reel
SAFEA751MFM0F00R14 ... 4000pcs/reel

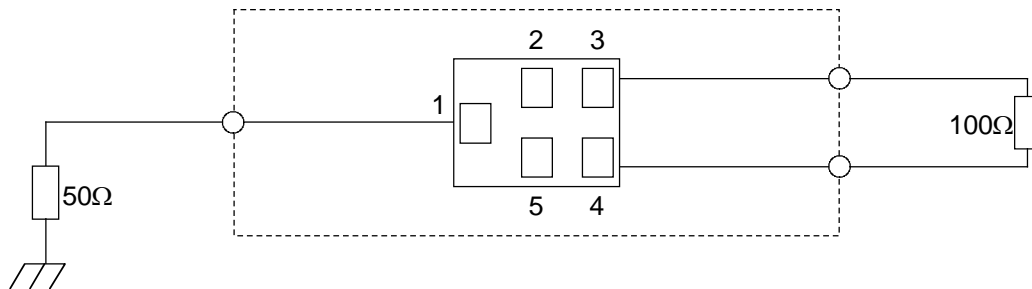
SAW FILTER FOR BAND13

Murata part number : SAFEA751MFM0F00

Recommended Land Pattern



Test Circuit



SAW FILTER FOR BAND13

Murata part number : SAFEA751MFM0F00

■ RoHS Compliance

This component is compliant with RoHS directive.

This component was always RoHS compliant from the first date of manufacture.

• Caution - Limitation of Applications

Please contact us before using our products for the applications listed below which require especially for the prevention of defects which might directly cause damage to the third party's life, body or property.

- a. Aircraft equipment
- b. Aerospace equipment
- c. Undersea equipment
- d. Nuclear control equipment
- e. Medical equipment
- f. Transportation equipment (vehicles, trains, ships, etc.)
- g. Traffic signal equipment
- h. Disaster prevention / crime prevention equipment
- i. Data - processing equipment
- j. Application of similar complexity and / or reliability requirements to the applications listed in the above

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- This PDF Datasheet 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.