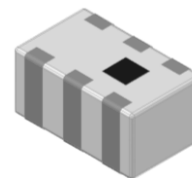


Multilayer Chip LC Triplexer – SLFT Series

Operating Temp. : -40°C~+85°C



FEATURES

- Small and low profile enables high density mounting
- Low insertion loss & high attenuation
- Excellent solderability

APPLICATIONS

- Mobile communication system, such as GSM, DCS, PCS, etc.
- GPS, Bluetooth, WIFI, WLAN, LNB, etc.

PRODUCT IDENTIFICATION

<u>SLFT</u> ①	<u>21</u> ②	<u>-2R450G</u> ③	<u>-02</u> ④	<u>T</u> ⑤														
①	②	③		⑤														
<table border="1"> <tr><th colspan="2">Type</th></tr> <tr><td>SLFT</td><td>LC Triplexer</td></tr> </table>		Type		SLFT	LC Triplexer	<table border="1"> <tr><th colspan="2">External Dimensions (LxW) (mm)</th></tr> <tr><td>21 [0805]</td><td>2.0x1.2</td></tr> </table>		External Dimensions (LxW) (mm)		21 [0805]	2.0x1.2	<table border="1"> <tr><th colspan="2">Center Frequency</th></tr> <tr><th>Example</th><th>Nominal Value</th></tr> <tr><td>2R450G</td><td>2450.0MHz</td></tr> </table>	Center Frequency		Example	Nominal Value	2R450G	2450.0MHz
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SHAPE AND DIMENSIONS

Type: SLFT21-2R450G-02T	Dimensions and Land Patterns
	<p>(1)(3)(5)(7) GND (2) ANT Port (4) Low Band (6) High Band (8) Middle Band M/MARK Unit:mm</p> <p>Land Unit: mm</p>

SPECIFICATIONS

SLFT21 TYPE

Part Number	Passband	Max. IL in BW	Min. Return Loss	Min. Attenuation (@25°C)	Min. Isolation	Characteristic Impedance
Units	MHz	dB	dB	dB	dB	Ω
SLFT21 -2R450G- 02T	1560~1610	0.6@25°C 0.7@-40~85°C	10	15@2400~2500MHz 15@4800~6000MHz	Low to Middle band 20@1559~1606	50
	2400~2500	0.7@25°C 0.8@-40~85°C	10	10@3600~3750MHz 20@4800~5000MHz 10@7200~7500MHz 10@9600~10000MHz	Middle to High band 20@4800~5000	50
	4900~5950	0.8@25°C 0.9@-40~85°C	10	25@860~960MHz 25@1545~1605MHz 25@1710~1990MHz 30@2170 MHz 10@8100~8800MHz 15@8820~9800MHz 25@9800~11800MHz	Low to High band 25@1559~1606	50