



Operating Temp. : -40°C ~+ 85°C

- Small size, light weight
- Low insertion loss
- Inside shielding
- SMD chip based on LTCC technology Centre frequencies and responses are ready for
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- LTE, 5G mobile communication systems
- Base station application
- Bluetooth, Wi-Fi, NB-IoT etc.

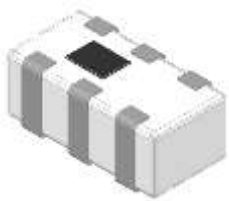
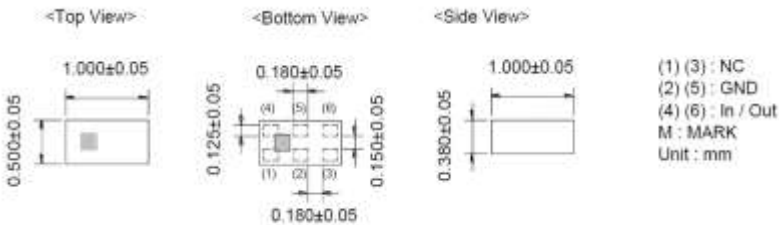
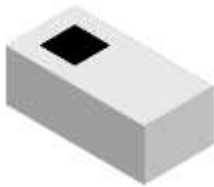
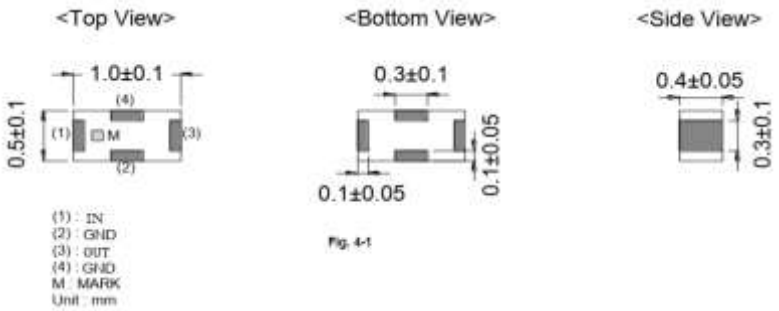
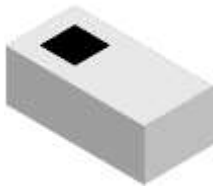
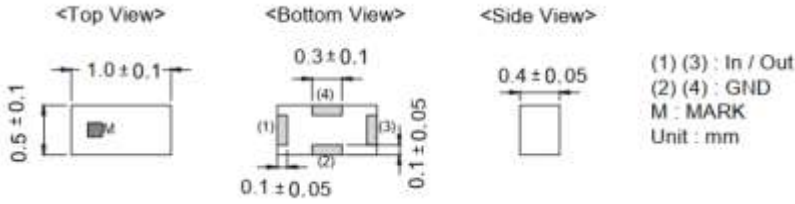
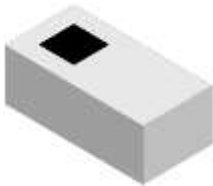
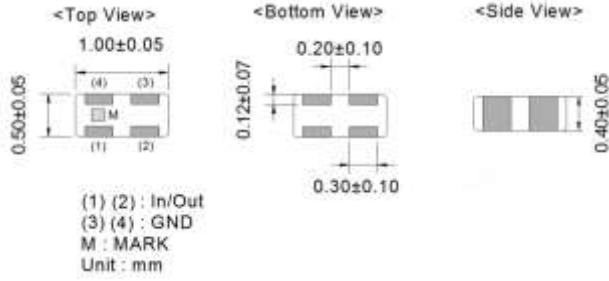
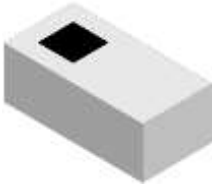
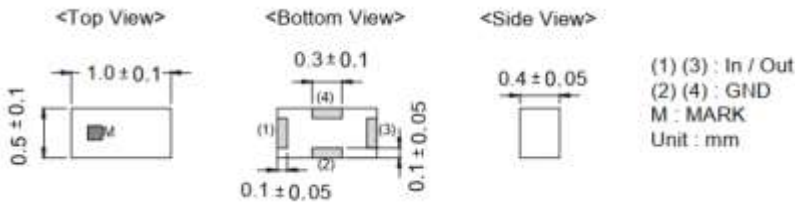
SLFL **15** **-2R025G** **-01** **T** **F**
① ② ③ ④ ⑤ ⑥

Cut-off Frequency	
Example	Nominal Value
0R960G	960.0 MHz
2R025G	2025.0 MHz

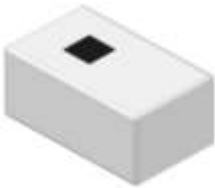
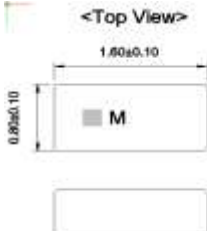
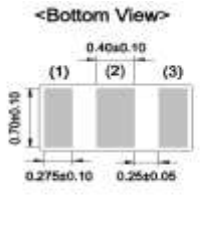
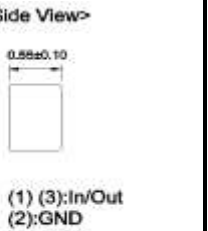
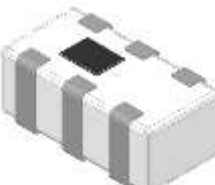
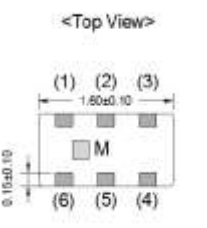
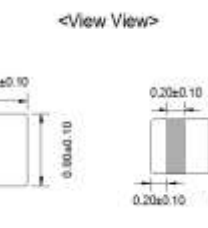
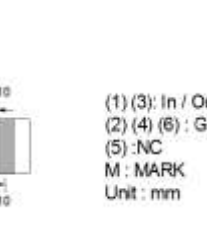
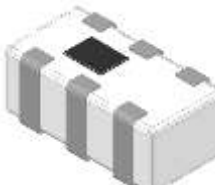
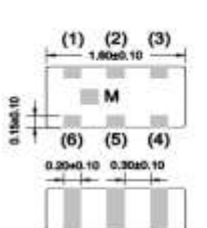
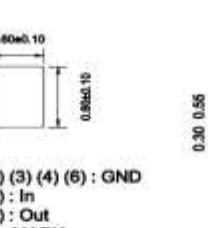
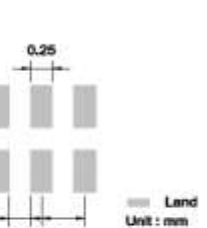
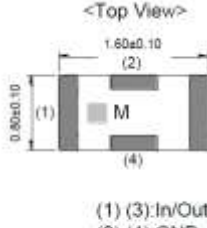
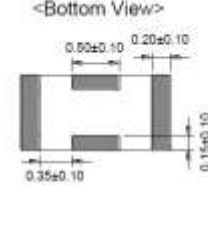
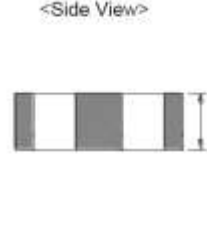
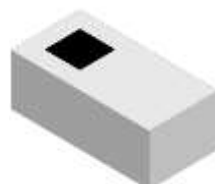
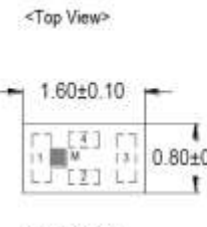
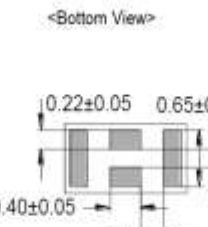
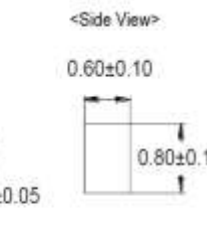
⑥	Hazardous Substance Free Products
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SLFL06-0R915G-01TF	Dimensions and Land Patterns
	<Top View> <Side View> (1) : IO Part (2) : IO Part (3) : GND (4) : GND M : MARK Unit : mm Land

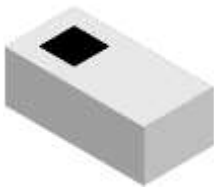
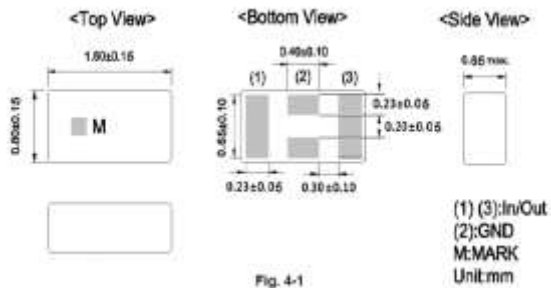
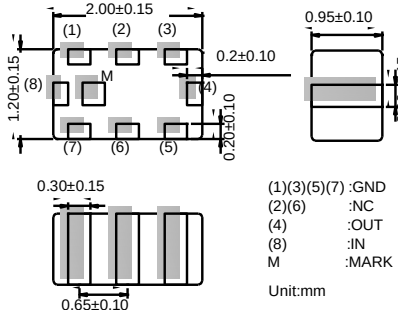
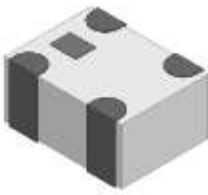
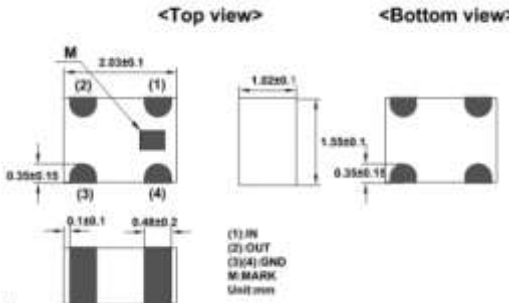
SHAPE AND DIMENSIONS

Type:SLFL15 Series	Dimensions and Land Patterns
	<Top View> <Bottom View> <Side View>  (1) (3): NC (2) (5): GND (4) (6): In / Out M: MARK Unit: mm
SLFL15-2R025G-03TF	Dimensions and Land Patterns
	<Top View> <Bottom View> <Side View>  (1): IN (2): GND (3): OUT (4): GND M: MARK Unit: mm Fig. 4-1
SLFL15-2R700G-01TF	Dimensions and Land Patterns
	<Top View> <Bottom View> <Side View>  (1) (3): In / Out (2) (4): GND M: MARK Unit: mm
SLFL15-7R125G-01TF	Dimensions and Land Patterns
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SLFL15-7R125G-03TF	Dimensions and Land Patterns
	<Top View> <Bottom View> <Side View>  (1) (3): In / Out (2) (4): GND M: MARK Unit: mm

SHAPE AND DIMENSIONS

Type: SLFL18 Series	Dimensions and Land Patterns
	  
SLFL18-0R787G-11TF/ SLFL18-0R960G-11TF/ SLFL18-3R600G-11TF	Dimensions and Land Patterns
	  
SLFL18-0R960G-03TF/ SLFL18-2R700G-13TF	Dimensions and Land Patterns
	  
SLFL18-1R850G-01TF	Dimensions and Land Patterns
	  
SLFL18-0R960G-31/41TF	Dimensions and Land Patterns
	  

SHAPE AND DIMENSIONS

SLFL18-2R700G-17/18/41TF	Dimensions and Land Patterns
	
Type: SLFL21 Series	Dimensions and Land Patterns
	
SLFL21-1R880G-01TF	Dimensions and Land Patterns
	

SPECIFICATIONS

SLFL06 TYPE

Part Number	Cut-off Frequency	Bandwidth	Max. IL in BW (at 25°C)	Attenuation	Thickness
Units	MHz	MHz	dB	dB	mm
Symbol	f_0	BW	IL	-	T
SLFL06-0R915G-01TF	915	824~915	0.6	20.0dB Min. at 2400~2750MHz	0.60

SLFL15 TYPE

Part Number	Cut-off Frequency	Bandwidth	Max. IL in BW (at 25°C)	Attenuation	Thickness
Units	MHz	MHz	dB	dB	mm
Symbol	f_0	BW	IL	-	T
SLFL15-0R787G-01TF	787	746~787	0.6	30 dB Min. at 1554~1610 MHz 25 dB Min. at 2238~2361 MHz	0.38±0.05
SLFL15-0R960G-01TF	960	698~960	0.6	13.0dB Min. at 1565~1610MHz	
				35.0dB Min. at 1805~1830MHz	
				35.0dB Min. at 2110~2170MHz	
				30.0dB Min. at 1710~2700MHz	

SPECIFICATIONS

SLFL15 TYPE

Part Number	Cut-off Frequency	Bandwidth	Max. IL in BW (at 25°C)	Attenuation	Thickness
Units	MHz	MHz	dB	dB	mm
Symbol	f ₀	BW	IL	-	T
SLFL15-2R025G-01TF	2025	1710~2025	1.4	10 dB Min. at 2400~2500 MHz	0.38±0.05
				25 dB Min. at 3760~4050 MHz	
				25 dB Min. at 5150~5850 MHz	
				25 dB Min. at 5640~6075 MHz	
				25 dB Min. at 7520~8100 MHz	
				22 dB Min. at 9400~10125 MHz	
SLFL15-2R025G-02TF	2025	500~2180	0.6	20.0dB Min. at 3350~4360MHz	
				45.0dB Min. at 5085~6540MHz	
SLFL15-2R025G-03TF	2025	1710~2025	0.45 dB Max. @ 1710~1910 MHz	22 dB Min. at 3420~3820 MHz	
				25 dB Min. at 3820~4050 MHz	
			0.5 dB Max. @ 1910~2025 MHz	25 dB Min. at 5130~6075 MHz	
SLFL15-2R700G-01TF	2700	2300~2700	0.45	30dB Min. at 4600~5400MHz	
				30dB Min. at 6900~8100MHz	
SLFL15-2R700G-02TF	2700	2300~2700	0.5	25 dB Min. at 4600~5400MHz	
				25 dB Min. at 6900~8100MHz	
SLFL15-7R125G-01TF	7125	5150~7125	0.55	10 dB Min. at 10300~14250 MHz	
				20 dB Min. at 15450~21375 MHz	
SLFL15-7R125G-03TF	7125	5150~7125	0.55	10 dB Min. at 10300~14250 MHz	
				20 dB Min. at 15450~21375 MHz	

SLFL18 TYPE

Part Number	Cut-off Frequency	Bandwidth	Max. IL in BW (at 25°C)	Attenuation	Thickness
Units	MHz	MHz	dB	dB	mm
Symbol	f ₀	BW	IL	-	T
SLFL18-0R787G-11TF	787	470~787	0.65	26 dB Min. at 1429~1501 MHz	0.60±0.10
				35 dB Min. at 1554~1574 MHz	
				30 dB Min. at 1580~1607 MHz	
				20 dB Min. at 1920~1980 MHz	
SLFL18-0R960G-03TF	960	698~960	0.7	30.0dB Min. at 1554~1610MHz	
				35.0dB Min. at 1805~1830MHz	
				35.0dB Min. at 2110~2170MHz	
				30.0dB Min. at 1710~2700MHz	
SLFL18-0R960G-11TF	960	698~960	0.75	28dB Min. at 1427~1920MHz	0.80±0.10
				30dB Min. at 2097~2880MHz	

SPECIFICATIONS

SLFL18 TYPE

Part Number	Cut-off Frequency	Bandwidth	Max. IL in BW (at 25°C)	Attenuation	Thickness
Units	MHz	MHz	dB	dB	mm
Symbol	f ₀	BW	IL	-	T
SLFL18-0R960G-21TF	960	698~960	0.45	25 dB Min. at 1628~1830 MHz	0.70±0.10
				20 dB Min. at 1710~2170 MHz	
				20 dB Min. at 2300~2690 MHz	
				23 dB Min. at 2097~2745 MHz	
				20 dB Min. at 2796~3660 MHz	
				20 dB Min. at 3495~4575 MHz	
				17 dB Min. at 4194~5490 MHz	
				19 dB Min. at 4900~5900 MHz	
SLFL18-0R960G-22TF	960	698~960	0.5	28 dB Min. at 1710~1785 MHz	
				28 dB Min. at 1785~2300 MHz	
				26 dB Min. at 2300~2690 MHz	
				25 dB Min. at 2690~3800 MHz	
				20 dB Min. at 3800~5100 MHz	
				25 dB Min. at 5100~5850 MHz	
				25 dB Min. at 5850~5925 MHz	
SLFL18-0R960G-31TF	960	698~960	0.9	20.0dB Min. at 1350~1920MHz	0.60±0.10
				48.0 dB Min. at 2070~2880MHz	
SLFL18-0R960G-41TF	960	600~960	0.35	25.0 dB Min. at 1738~1920MHz	
				25.0 dB Min. at 2400~3500MHz	
SLFL18-1R850G-01TF	1850	1710~1990	0.5	30.5 dB at 3420 ~ 3980 MHz	0.80±0.10
				28.5 dB at 5130 ~ 5970 MHz	
SLFL18-2R025G-01TF	2025	1710~2025	1.2	20 dB Min. at 2400~2500MHz	0.70±0.10
				20 dB Min. at 4020~4045MHz	
				25 dB Min. at 6030~6075MHz	
SLFL18-2R025G-06TF	2025	1710~2025	0.55	27 dB Min. at 3420~3840 MHz	0.55±0.10
				28 dB Min. at 4020~4050 MHz	
				20 dB Min. at 4900~5950 MHz	
				30 dB Min. at 5130~5760 MHz	
				30 dB Min. at 6030~6075 MHz	
				25 dB Min. at 6840~7680 MHz	
				25 dB Min. at 8040~8100 MHz	
				20 dB Min. at 8550~9600 MHz	
				20 dB Min. at 10050~10125 MHz	
				20 dB Min. at 10260~11520 MHz	
				10 dB Min. at 12060~12150 MHz	
SLFL18-2R025G-31TF	2025	1710~2025	0.4	25 dB Min. at 3420~4050 MHz	0.55±0.10
				25 dB Min. at 5130~6075 MHz	
				25 dB Min. at 8100~12500 MHz	
SLFL18-2R700G-02TF	2700	673~2690	0.5	35.0 dB Min. at 4950~6000MHz	
				35.0 dB Min. at 6000~7500MHz	
				35.0 dB Min. at 7500~8100MHz	
				27.0 dB Min. at 8100~12500MHz	
SLFL18-2R700G-03TF	2700	2300~2700	0.5	30.0 dB Min. at 4600~5400MHz	
				30.0 dB Min. at 6900~8100MHz	

SPECIFICATIONS

SLFL18 TYPE

Part Number	Cut-off Frequency	Bandwidth	Max. IL in BW (at 25°C)	Attenuation	Thickness
Units	MHz	MHz	dB	dB	mm
Symbol	f_0	BW	IL	-	T
SLFL18-2R700G-04TF	2700	600~2700	0.5	30 dB Min. at 4950~8100MHz 27 dB Min. at 8100~12500MHz	
SLFL18-2R700G-13TF	2700	300~2700	0.8	30 dB Min. @ 4600~5400 MHz 30 dB Min. @ 6900~8100 MHz 25 dB Min. @ 9200~10800 MHz 20 dB Min. @ 11500~13500 MHz	0.60±0.10
SLFL18-2R700G-17TF	2700	1700~2700	0.50 dB Max. @1700~2170 MHz 0.65 dB Max. @2170~2500 MHz 0.90 dB Max. @2500~2700 MHz	23 dB Min. @ 3420~3800 MHz 25 dB Min. @ 5150~5960 MHz	
SLFL18-2R700G-18TF	2700	1700~2700	0.35 dB Max. @1710~1980 MHz 0.6 dB Max. @2025~2690 MHz	5 dB Min. @ 3296~3339 MHz 23 dB Min. @ 3420~3960 MHz 30 dB Min. @ 5130~5940 MHz 20 dB Min. @ 6160~8250 MHz	0.65±0.10
SLFL18-2R700G-41TF	2690	699~2690	0.18	20 dB Min. @ 5150~5960 MHz	
SLFL18-3R600G-11TF	3800	3300~3800	0.45	17.0 dB Min. at 6600~7600 MHz 20.0 dB Min. at 9900~11400 MHz	
SLFL18-5R500G-31TF	5500	500~5500	1.0	20 dB Min. at 6481~7681 MHz 20 dB Min. at 7681~12000 MHz	

SLFL21 TYPE

Part Number	Cut-off Frequency	Bandwidth	Max. IL in BW (at 25°C)	Attenuation	Thickness
Units	MHz	MHz	dB	dB	mm
Symbol	f_0	BW	IL	-	T
SLFL21-1R880G-01TF	1880	1805~1880	0.4	30 dB Min. at 3610~3760 MHz 20 dB Min. at 5415~5640 MHz	1.02±0.10
SLFL21-0R902G-01TF	902.5	$f_0 \pm 12.5$	0.6	30.0 dB Min. at $2 \times (f_0 \pm 50)$ MHz 30.0 dB Min. at $3 \times (f_0 \pm 50)$ MHz	
SLFL21-2R025G-01TF	2025	1880~2025	1.3	20.0 dB Min. at 2300~6100MHz 30.0 dB Min. at 3700~4100MHz 10.0 dB Min. at 6100~8000MHz	0.95±0.10
SLFL21-2R450G-01TF	2450	$f_0 \pm 50.0$	0.5	27.0 dB Min. at $2 \times (f_0 \pm 50)$ MHz 30.0 dB Min. at $3 \times (f_0 \pm 50)$ MHz 30.0 dB Min. at $4 \times (f_0 \pm 50)$ MHz	
SLFL21-5R500G-31TF	5950	4900~5950	0.7	30 dB Min. at 9800~11900 MHz 20 dB Min. at 14700~17850 MHz	0.95±0.10 0