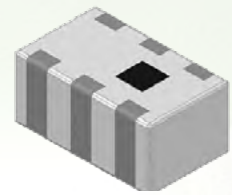


Multilayer Chip LC Diplexer – SLFD Series

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 equipment for LTE, 5G systems etc.
- Bluetooth, Wi-Fi, WLAN etc.

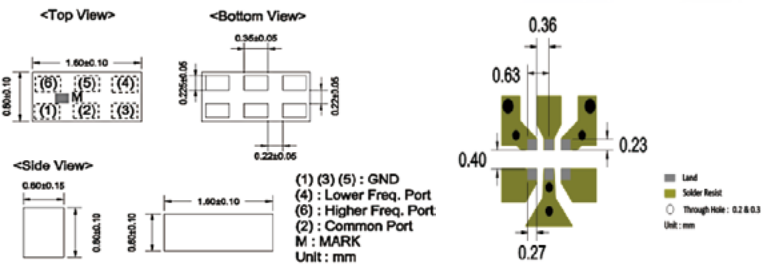
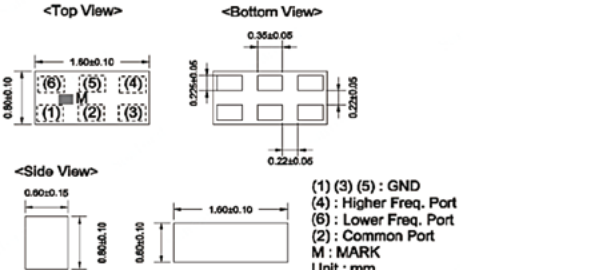
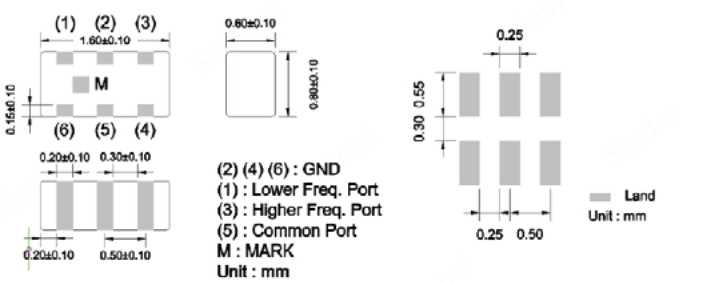
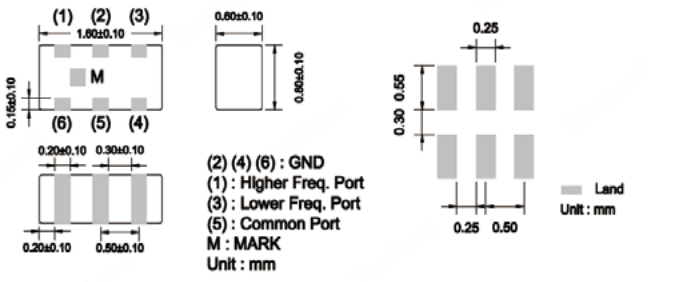
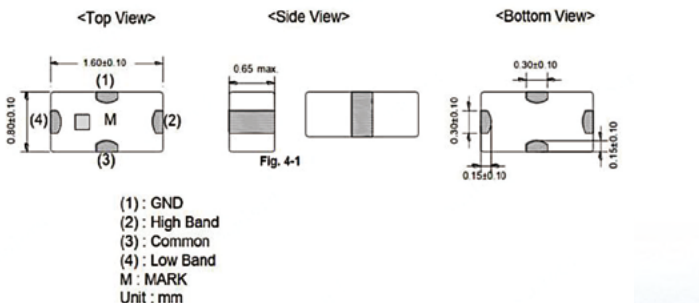
PRODUCT IDENTIFICATION

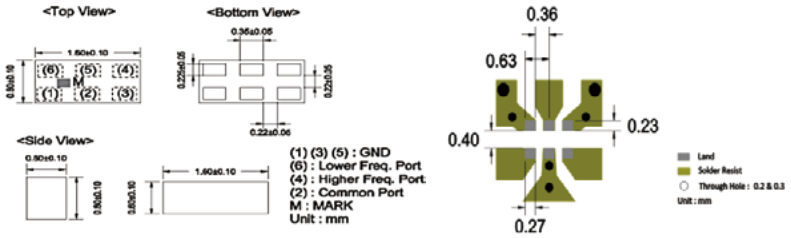
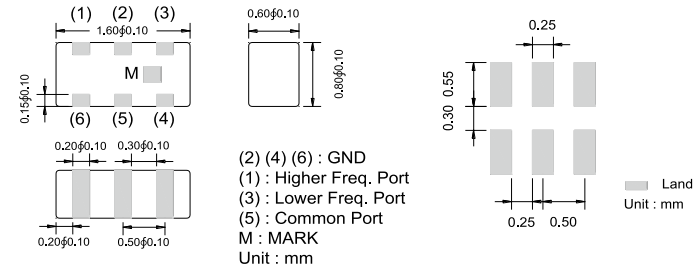
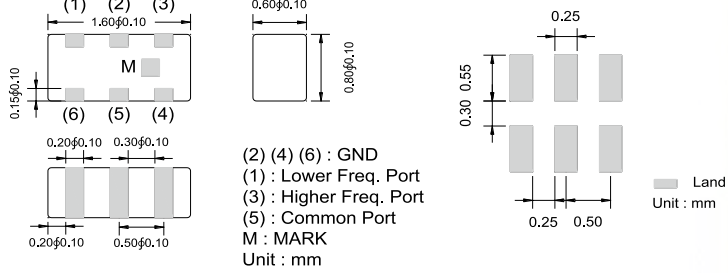
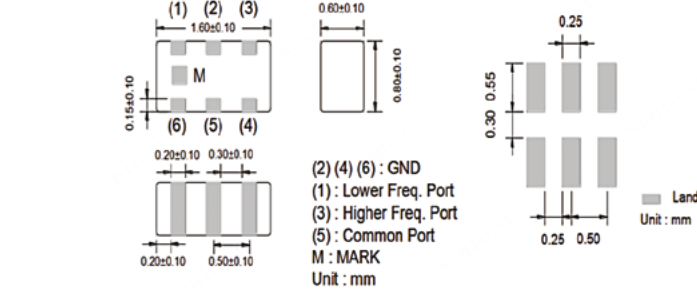
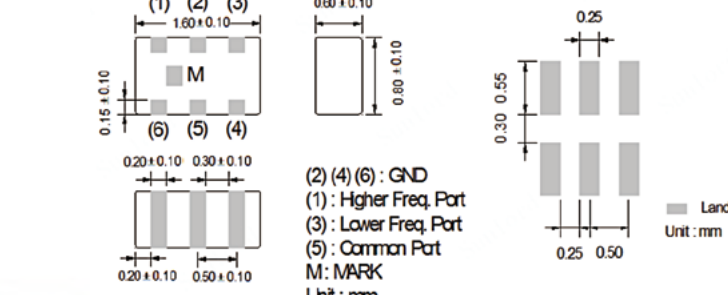
<u>SLFD</u>	<u>18</u>	<u>-2R450G</u>	<u>-23</u>	<u>T</u>																					
①	②	③	④	⑤																					
①		②	③																						
<table><tr><th colspan="2">Type</th></tr><tr><td>SLFD</td><td>LC Diplexer</td></tr></table>		Type		SLFD	LC Diplexer	<table><tr><th colspan="2">External Dimensions (L×W) (mm)</th></tr><tr><td>15 [0402]</td><td>1×0.5</td></tr><tr><td>18 [0603]</td><td>1.6×0.8</td></tr><tr><td>21 [0805]</td><td>2×1.2</td></tr><tr><td>22 [1008]</td><td>2.5×2</td></tr></table>		External Dimensions (L×W) (mm)		15 [0402]	1×0.5	18 [0603]	1.6×0.8	21 [0805]	2×1.2	22 [1008]	2.5×2	<table><tr><th colspan="2">Center Frequency</th></tr><tr><td>Example</td><td>Nominal Value</td></tr><tr><td>2R450G</td><td>2450MHz</td></tr></table>		Center Frequency		Example	Nominal Value	2R450G	2450MHz
Type																									
SLFD	LC Diplexer																								
External Dimensions (L×W) (mm)																									
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2R450G	2450MHz																								
④		⑤																							
<table><tr><th>Series Code</th></tr><tr><td>01, 02, etc</td></tr></table>		Series Code	01, 02, etc	<table><tr><th colspan="2">Packing</th></tr><tr><td>T</td><td>Tape Carrier Package</td></tr></table>		Packing		T	Tape Carrier Package																
Series Code																									
01, 02, etc																									
Packing																									
T	Tape Carrier Package																								

SHAPE AND DIMENSIONS

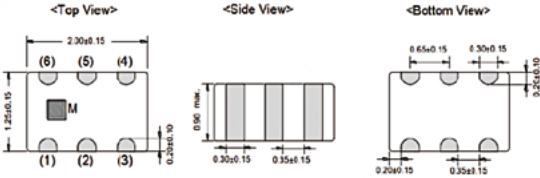
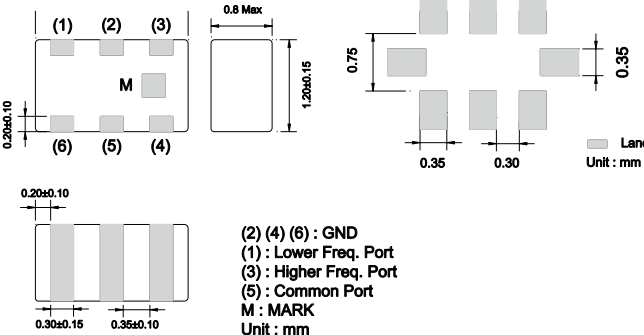
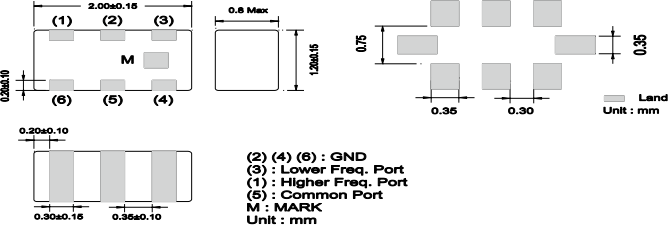
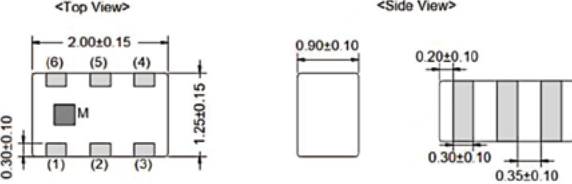
Type: SLFD15 Series	Dimensions and Land Patterns
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SLFD15-5R950G-04T	Dimensions and Land Patterns
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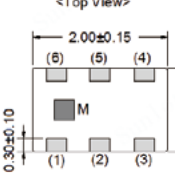
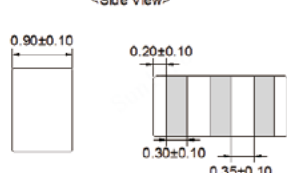
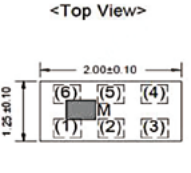
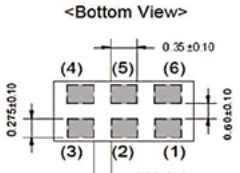
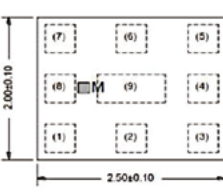
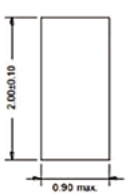
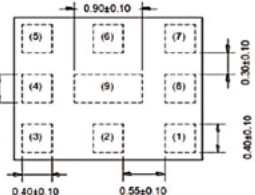
SHAPE AND DIMENSIONS

SLFD18-2R200G-01T/ SLFD18-5R950G-12T	Dimensions and Land Patterns   (1) (3) (5) : GND (4) : Lower Freq. Port (6) : Higher Freq. Port (2) : Common Port M : MARK Unit : mm
SLFD18-2R200G-02T/ SLFD18-3R000G-31T	Dimensions and Land Patterns   (1) (3) (5) : GND (4) : Higher Freq. Port (6) : Lower Freq. Port (2) : Common Port M : MARK Unit : mm
SLFD18-2R450G-22/24T	Dimensions and Land Patterns   (1) (2) (3) : GND (4) : Higher Freq. Port (5) : Lower Freq. Port (6) : Common Port M : MARK Unit : mm
SLFD18-2R450G-23/25T	Dimensions and Land Patterns   (1) (2) (3) : GND (4) : Higher Freq. Port (5) : Lower Freq. Port (6) : Common Port M : MARK Unit : mm
SLFD18-2R450G-26T	Dimensions and Land Patterns   (1) : GND (2) : High Band (3) : Common (4) : Low Band M : MARK Unit : mm

SLFD18-2R600G-01T/ SLFD18-5R950G-11T	Dimensions and Land Patterns   (1) (3) (5) : GND (6) : Lower Freq. Port (4) : Higher Freq. Port (2) : Common Port M : MARK Unit : mm
SLFD18-5R950G-01/07/35/41T	Dimensions and Land Patterns   (2) (4) (6) : GND (1) : Higher Freq. Port (3) : Lower Freq. Port (5) : Common Port M : MARK Unit : mm
SLFD18-5R950G-02/08/36/42/66T	Dimensions and Land Patterns   (2) (4) (6) : GND (1) : Lower Freq. Port (3) : Higher Freq. Port (5) : Common Port M : MARK Unit : mm
SLFD18-5R950G-03/61T	Dimensions and Land Patterns   (2) (4) (6) : GND (1) : Lower Freq. Port (3) : Higher Freq. Port (5) : Common Port M : MARK Unit : mm
SLFD18-5R950G-04T	Dimensions and Land Patterns   (2) (4) (6) : GND (1) : Higher Freq. Port (3) : Lower Freq. Port (5) : Common Port M : MARK Unit : mm

SHAPE AND DIMENSIONS

SLFD21-1R400G-01/03T 	Dimensions and Land Patterns  (1) : GND (2) : Common (3) : GND (4) : High-band (5) : GND (6) : Low-band M : MARK Unit : mm
SLFD21-2R200G-01T 	Dimensions and Land Patterns  (2) (4) (6) : GND (1) : Lower Freq. Port (3) : Higher Freq. Port (5) : Common Port M : MARK Unit : mm
SLFD21-2R200G-02T 	Dimensions and Land Patterns  (2) (4) (6) : GND (3) : Lower Freq. Port (1) : Higher Freq. Port (5) : Common Port M : MARK Unit : mm
SLFD21-2R200G-03T/ SLFD21-2R690G-01T/ SLFD21-5R950G-01T	Dimensions and Land Patterns
	Dimensions and Land Patterns  (1) : GND (2) : Common Port (3) : GND (4) : Higher Freq. Port (5) : GND (6) : Lower Freq. Port M : MARK Unit : mm

SLFD21-2R200G-04T/ SLFD21-2R690G-02T/ SLFD21-5R950G-02T	Dimensions and Land Patterns
	<Top View>  <Side View>  (1) : GND (2) : Common Port (3) : GND (4) : Lower Freq. Port (5) : GND (6) : Higher Freq. Port M : MARK Unit : mm
SLFD21-3R000G-31T	Dimensions and Land Patterns
	<Top View>  <Bottom View>  <Side View>  (1) (3) (5) : GND (4) : Higher Freq. Port (6) : Lower Freq. Port (2) : Common Port M : MARK Unit : mm Fig. 4-1
SLFD22-1R500G-31T/ SLFD22-3R000G-31T/ SLFD22-4R500G-31T	Dimensions and Land Patterns
	<Top View>  <Side View>  <Bottom View>  (2) : Common Port (5) : High band Port (7) : Low band Port (1) (3) (4) (6) (8) (9) : GND M : MARK Unit : mm

SPECIFICATIONS

SLFD15 TYPE

Part Number	Characteristic Impedance	Frequency Range	Frequency	Max. IL in BW (@ 25°C)	Ripple in BW (@ 25°C)	Max. VSWR in BW (@ 25°C)	Min. Attenuation (@ 25°C)
Units	Ω	-	MHz	dB	dB	-	dB
SLFD15-5R950G-01T	50	Low Band	2400~2500	0.5	-	-	16dB Min. at 4800~6000MHz
							15dB Min. at 7200~7500MHz
		High Band	5150~5950	1.5			27dB Min. at 700~2025MHz
							28dB Min. at 2400~2690MHz
							10dB Min. at 3500~3700MHz
							11dB Min. at 7250~7800MHz
							20dB Min. at 10300~11700MHz
SLFD15-5R950G-03T	50	Low Band	2400~2500	0.5	-	-	18dB Min. at 4800~6000MHz
							15dB Min. at 5150~7125MHz
							20dB Min. at 7200~7500MHz
		High Band	5150~7125	0.95			24dB Min. at 500~2400MHz
							26dB Min. at 2400~2500MHz
							19dB Min. at 2500~2690MHz
							9dB Min. at 10300~11900MHz
							13.5dB Min. at 11900~12490MHz
							11.5dB Min. at 12490~14250MHz
							8dB Min. at 15510~21370MHz

SLFD15 TYPE

Part Number	Characteristic Impedance	Frequency Range	Frequency	Max. IL in BW (@ 25°C)	Ripple in BW (@ 25°C)	Max. VSWR in BW (@ 25°C)	Min. Attenuation (@ 25°C)
Units	Ω	-	MHz	dB	dB	-	dB
SLFD15-5R950G-04T	50	Low Band	2400~2500	0.5	-	-	35dB Min. at 4800~5000MHz
							25dB Min. at 7200~7500MHz
		High Band	5150~5950	0.9			25dB Min. at 300~2100MHz
							32dB Min. at 2400~2700MHz
							10dB Min. at 7200MHz
							20dB Min. at 9800~11950MHz
							15dB Min. at 14700~17850MHz
SLFD15-5R950G-05T	50	Low Band	2400~2500	0.5	-	-	23dB Min. at 4800~6000MHz
							23dB Min. at 7200~7500MHz
		High Band	4900~5950	0.9			25dB Min. at 30~2400MHz
							27dB Min. at 2400~2500MHz
							23dB Min. at 2500~2690MHz
							20dB Min. at 10300~11900MHz

SLFD18 TYPE

Part Number	Characteristic Impedance	Frequency Range	Frequency	Max. IL in BW (@ 25°C)	Ripple in BW (@ 25°C)	Max. VSWR in BW (@ 25°C)	Min. Attenuation (@ 25°C)
Units	Ω	-	MHz	dB	dB	-	dB
SLFD18-2R200G-01T	50	Low Band	698~960	0.8	-	-	20dB Min. @ 698~960MHz
		High Band	1710~2700	0.7			25dB Min. @ 1710~2700MHz
SLFD18-2R200G-02T	50	Low Band	698~960	0.8	-	-	25dB Min. at 1710~2700MHz
		High Band	1710~2700	0.7			20dB Min. at 698~960MHz
							20dB Min. at 5150~5850MHz
SLFD18-2R450G-22T	50	Low Band	1570~1610	0.5	-	-	20dB Min. at 2400~2500MHz
		High Band	2400~2500	0.5			20dB Min. at 1570~1610MHz

SPECIFICATIONS

SLFD18 TYPE

Part Number	Characteristic Impedance	Frequency Range	Frequency	Max. IL in BW (@ 25°C)	Ripple in BW (@ 25°C)	Max. VSWR in BW (@ 25°C)	Min. Attenuation (@ 25°C)
Units	Ω	-	MHz	dB	dB	-	dB
SLFD18-2R450G-23T	50	Low Band	1570~1610	0.45	-	-	20dB Min. at 2400~2500MHz
		High Band	2400~2500	0.5			20dB Min. at 1570~1610MHz
SLFD18-2R450G-24T	50	Low Band	1560~1607	0.65	-	-	15dB Min. at 2300~2700MHz
		High Band	2300~2700	0.75			17dB Min. at 1560~1607MHz
SLFD18-2R450G-25T	50	Low Band	1560~1607	0.65	-	-	15dB Min. at 2300~2700MHz
		High Band	2300~2700	0.75			17dB Min. at 1560~1607MHz
SLFD18-3R000G-31T	50	Low Band	698~2690	0.9	-	2	13dB Min. at 3400~3800MHz
							20dB Min. at 5150~5850MHz
		High Band	3400~3800	1			14dB Min. at 698~2690MHz
			5150~5850	0.7			18dB Min. at 10300~11700MHz
SLFD18-5R950G-01T	50	Low Band	2400~2500	0.65	-	2	35dB Min. at 4800~5000MHz
		High Band	4900~5950	0.75			28dB Min. at 30~2100MHz
							32dB Min. at 2400~2700MHz
							25dB Min. at 9800~11900MHz
							15dB Min. at 14700~17850MHz

SLFD18 TYPE

Part Number	Characteristic Impedance	Frequency Range	Frequency	Max. IL in BW (@ 25°C)	Ripple in BW (@ 25°C)	Max. VSWR in BW (@ 25°C)	Min. Attenuation (@ 25°C)
Units	Ω	-	MHz	dB	dB	-	dB
SLFD18-5R950G-02T	50	Low Band	2400~2500	0.55	-	2	30dB Min. at 4800~5000MHz
							25dB Min. at 7200~7500MHz
		High Band	4900~5950	0.75			25dB Min. at 30~2100MHz
							30dB Min. at 2400~2500MHz
							12dB Min. at 8100~8900MHz
							20dB Min. at 9800~11900MHz
							15dB Min. at 14700~17850MHz
SLFD18-5R950G-03T	50	Low Band	2400~2500	0.5	-	2	35dB Min. at 4800~5000MHz
							25dB Min. at 7200~7500MHz
		High Band	4900~5950	0.9			25dB Min. at 300~2100MHz
							32dB Min. at 2400~2700MHz
							10dB Min. at 7200MHz
							20dB Min. at 9800~11950MHz
							15dB Min. at 14700~17850MHz
SLFD18-5R950G-04T	50	Low Band	2400~2500	0.5	-	2	25dB Min. at 300~2100MHz
							32dB Min. at 2400~2700MHz
							35dB Min. at 4800~5000MHz
							10dB Min. at 7200MHz
							25dB Min. at 7200~7500MHz
		High Band	4900~5950	0.9			20dB Min. at 9800~11950MHz
							15dB Min. at 14700~17850MHz

SPECIFICATIONS

SLFD18 TYPE

Part Number	Characteristic Impedance	Frequency Range	Frequency	Max. IL in BW (@ 25°C)	Ripple in BW (@ 25°C)	Max. VSWR in BW (@ 25°C)	Min. Attenuation (@25°C)
Units	Ω	-	MHz	dB	dB	-	dB
SLFD18-5R950G-07T	Complex Conjugate to IC chipset	Low Band	2400~2500	0.4	-	1.5	21dB Min. at 4800~5000MHz
							23dB Min. at 5000~5950MHz
							25dB Min. at 7200~7500MHz
	50	High Band	4900~5950	0.6		1.8	25dB Min. at 824~2170MHz
							28dB Min. at 2400~2700MHz
							20dB Min. at 9800~11900MHz
SLFD18-5R950G-08T	Complex Conjugate to IC chipset	Low Band	2400~2500	0.4	-	1.5	21dB Min. at 4800~5000MHz
							23dB Min. at 5000~5950MHz
							25dB Min. at 7200~7500MHz
	50	High Band	4900~5950	0.6		1.8	25dB Min. at 824~2170MHz
							28dB Min. at 2400~2700MHz
							20dB Min. at 9800~11900MHz
SLFD18-5R950G-11T	50	Low Band	698~2690	0.35dB Max. at 698~960MHz	-	1.8	32dB Min. at 4800~5000MHz
				0.45dB Max. at 1427~2400MHz			35dB Min. at 5000~5950MHz
				0.60dB Max. at 2400~2500MHz			20dB Min. at 7200~7500MHz
				0.60dB Max. at 2500~2690MHz			19dB Min. at 7635~8070MHz
		High Band	5150~5850	0.7	-	1.8	32dB Min. at 698~1805MHz
							32dB Min. at 1805~1950MHz
							34dB Min. at 1950~2400MHz
							40dB Min. at 2400~2500MHz
	32dB Min. at 2500~2690MHz						
	16dB Min. at 10300~11700MHz						

SPECIFICATIONS

SLFD18 TYPE

Part Number	Characteristic Impedance	Frequency Range	Frequency	Max. IL in BW (@ 25°C)	Ripple in BW (@ 25°C)	Max. VSWR in BW (@ 25°C)	Min. Attenuation (@ 25°C)
Units	Ω	-	MHz	dB	dB	-	dB
SLFD18-5R950G-12T	50	Low Band	698~2690	0.35dB Max. at 698~960MHz	-	1.8	32dB Min. at 4800~5000MHz
				0.45dB Max. at 1427~2400MHz			35dB Min. at 5000~5950MHz
				0.60dB Max. at 2400~2500MHz			20dB Min. at 7200~7500MHz
				0.60dB Max. at 2500~2690MHz			19dB Min. at 7635~8070MHz
							32dB Min. at 698~1805MHz
		High Band	5150~5850	0.7			32dB Min. at 1805~1950MHz
							34dB Min. at 1950~2400MHz
							40dB Min. at 2400~2500MHz
							32dB Min. at 2500~2690MHz
							20dB Min. at 10300~11700MHz
SLFD18-5R950G-35T	50	Low Band	2400~2500	0.85	-	-	20dB Min. at 700~1300MHz
							25dB Min. at 4800~5000MHz
							30dB Min. at 7200~7500MHz
							27dB Min. at 1200~1500MHz
							26dB Min. at 1600~2000MHz
		High Band	4900~6000	1			25dB Min. at 2300~3000MHz
							20dB Min. at 98000~12000MHz
							15dB Min. at 14700~18000MHz
SLFD18-5R950G-36T	50	Low Band	2400~2500	0.85	-	-	20dB Min. at 700~1300MHz
							25dB Min. at 4800~5000MHz
							30dB Min. at 7200~7500MHz
							27dB Min. at 1200~1500MHz
							26dB Min. at 1600~2000MHz
		High Band	4900~6000	1			25dB Min. at 2300~3000MHz
							20dB Min. at 98000~12000MHz
							15dB Min. at 14700~18000MHz

SPECIFICATIONS

SLFD18 TYPE

Part Number	Characteristic Impedance	Frequency Range	Frequency	Max. IL in BW (@ 25°C)	Ripple in BW (@ 25°C)	Max. VSWR in BW (@ 25°C)	Min. Attenuation (@ 25°C)
Units	Ω	-	MHz	dB	dB	-	dB
SLFD18-5R950G-61T	50	Low Band	2400~2500	0.60	-	-	25dB Min. @ 4800~5000MHz
							23dB Min. @ 5170~7500MHz
							20dB Min. @ 9600~10000MHz
							18dB Min. @ 12000~12500MHz
		High Band	5170~7125	0.90	-	-	28dB Min. @ 1425~1607MHz
							30dB Min. @ 1710~2200MHz
							26dB Min. @ 2300~2500MHz
							20dB Min. @ 2500~2690MHz
							15dB Min. @ 10340~14250MHz
							15dB Min. @ 15510~19500MHz
SLFD18-5R950G-66T	50	Low Band	2400~2500	0.80	-	-	10dB Min. @ 30~1000MHz
							28dB Min. @ 4800~5000MHz
							25dB Min. @ 7200~7500MHz
							20dB Min. @ 7500~12000MHz
		High Band	5170~7125	1.25	-	-	30dB Min. @ 100~2300MHz
							30dB Min. @ 2400~2500MHz
							20dB Min. @ 2700~3500MHz
							20dB Min. @ 10300~14250MHz
							15dB Min. @ 15450~21375MHz

SLFD21 TYPE

Part Number	Characteristic Impedance	Frequency Range	Frequency	Max. IL in BW (@ 25°C)	Ripple in BW (@ 25°C)	Max. VSWR in BW (@ 25°C)	Min. Attenuation (@ 25°C)
Units	Ω	-	MHz	dB	dB	-	dB
SLFD21-1R400G-01T	50	Low Band	698~960	0.8	-	2	22dB Min. at 1427~2690MHz
		High Band	1427~2690	0.75			20dB Min. at 698~915MHz
							17dB Min. at 915~960MHz
SLFD21-1R400G-03T	50	Low Band	570~960	0.75	-	2	20dB Min. at 1427~2700MHz
		High Band	1427~2690	0.85			20dB Min. at 570~960MHz
SLFD21-2R200G-01T	50	Low Band	698~746	0.4	-	-	25dB Min. at 698~960MHz
			746~960	0.5			30dB Min. at 1710~2170MHz
		High Band	1710~2400	0.7			30dB Min. at 2170~2400MHz
							30dB Min. at 2400~2700MHz
SLFD21-2R200G-02T	50	Low Band	698~746	0.4	-	-	25dB Min. at 698~960MHz
			746~960	0.5			30dB Min. at 1710~2170MHz
		High Band	1710~2400	0.7			30dB Min. at 2170~2400MHz
							30dB Min. at 2400~2700MHz
SLFD21-2R200G-03T	50	Low Band	698~746	0.4	-	2	30dB Min. at 1710~2170MHz
			746~960	0.5			30dB Min. at 2170~2400MHz
		High Band	1710~2400	0.6			32dB Min. at 2400~2700MHz
							25dB Min. at 698~960MHz
SLFD21-2R200G-04T	50	Low Band	698~746	0.4	-	2	30dB Min. at 1710~2170MHz
			746~960	0.5			30dB Min. at 2170~2400MHz
		High Band	1710~2400	0.6			32dB Min. at 2400~2700MHz
							25dB Min. at 698~960MHz

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SLFD21 TYPE

Part Number	Characteristic Impedance	Frequency Range	Frequency	Max. IL in BW (@ 25°C)	Ripple in BW (@ 25°C)	Max. VSWR in BW (@ 25°C)	Min. Attenuation (@ 25°C)
Units	Ω	-	MHz	dB	dB	-	dB
SLFD21-2R690G-01T	50	Low Band	698~2170	0.4dB at 698-960MHz	-	2	10dB Min. at 2402~2482MHz
				0.5dB at 1420-1610MHz			
				0.65dB at 1710-1920MHz			
				0.8dB at 1920-1990MHz			
				1.40dB at 1990-2170MHz			
		High Band	2496~4200	1.35dB at 2496-2515MHz		2Max. at 2496~2690MHz	20dB Min. at 698~960MHz
				1.2dB at 2515-2675MHz			
				0.9dB at 2675-2690MHz		2.33Max. at 3300~420 MHz	15dB Min. at 1710~2170MHz
				1.1dB at 3300~4200MHz			
SLFD21-2R690G-02T	50	Low Band	698~2170	0.4dB at 698-960MHz	-	2	10dB Min. at 2402~2482MHz
				0.5dB at 1420-1610MHz			
				0.65dB at 1710-1920MHz			
				0.8dB at 1920-1990MHz			
				1.40dB at 1990-2170MHz			
		High Band	2496~4200	1.35dB at 2496-2515 MHz		2Max. at 2496~2690MHz	20dB Min. at 698~960MHz
				1.2dB at 2515-2675MHz			
				0.9dB at 2675-2690MHz		2.33Max. at 3300~420 MHz	15dB Min. at 1710~2170MHz
				1.1dB at 3300~4200MHz			

SLFD21 TYPE

Part Number	Characteristic Impedance	Frequency Range	Frequency	Max. IL in BW (@ 25°C)	Ripple in BW (@ 25°C)	Max. VSWR in BW (@ 25°C)	Min. Attenuation (@ 25°C)
Units	Ω	-	MHz	dB	dB	-	dB
SLFD21-3R000G-31T	50	Low Band	617~2690	0.35dB Max. at 617-960MHz	-	2	18dB Min. at 3300~3400MHz
				0.45dB Max. at 1427-1511MHz			23dB Min. at 3400~3800MHz
				0.55dB Max. at 1710-2170MHz			30dB Min. at 5150~5925MHz
				0.75dB Max. at 2300~2496MHz			
				0.9dB Max. at 2496~2690MHz			
		High Band	3300~5925	1.3dB Max. at 3300~3400MHz			30dB Min. at 617-960MHz
							30dB Min. at 1427-1511MHz
				1dB Max. at 3400~3800MHz			25dB Min. at 1710-2170MHz
							22dB Min. at 2170~2690MHz
				0.5dB Max. at 5150~5925MHz			25dB Min. at 10300~11850MHz
							5dB Min. at 15450~17775MHz
SLFD21-5R950G-01T	50	Low Band	2400~2500	0.45	15	20dB Min. at 5150~5850MHz	23dB Min. at 4800~5000MHz
							20dB Min. at 7200~7500MHz
		High Band	4900~5950	0.5	12	20dB Min. at 2400~2500MHz	25dB Min. at 2400~2500MHz
							20dB Min. at 10300~11700MHz
SLFD21-5R950G-02T	50	Low Band	2400~2500	0.45	15	20dB Min. at 5150~5850MHz	23dB Min. at 4800~5000MHz
							20dB Min. at 7200~7500MHz
		High Band	4900~5950	0.5	12	20dB Min. at 2400~2500MHz	25dB Min. at 2400~2500MHz
							20dB Min. at 10300~11700MHz

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SLFD22 TYPE

Part Number	Characteristic Impedance	Frequency Range	Frequency	Max. IL in BW (@ 25°C)	Max. RL in BW (@ 25°C)	Isolation (@ 25°C)	Min. Attenuation (@ 25°C)
Units	Ω	-	MHz	dB	dB	dB	dB
SLFD22-1R500G-31T	50	Low Band	698~1511	0.80dB Max. at 698~960MHz	--	15dB Min. at 698~960MHz	14dB Min. at 1710~1785MHz
				1.50dB Max. at 1447~1463MHz			15dB Min. at 1805~1880MHz
				1.50dB Max. at 1452~1496MHz			15dB Min. at 1880~2025MHz
						15dB Min. at 1452~1511MHz	15dB Min. at 2110~2200MHz
						15dB Min. at 1710~1785MHz	15dB Min. at 2300~2400MHz
						15dB Min. at 1805~1880MHz	20dB Min. at 2496~2690MHz
				High Band		1710~3800	1.80dB Max. at 1496~1511MHz
		15dB Min. at 1880~2025MHz	15dB Min. at 3800~5950MHz				
		1.50dB Max. at 1710~1785MHz	15dB Min. at 2110~2200MHz				15dB Min. at 698~960MHz
		1.20dB Max. at 1805~1880MHz					
		10dB Max. at 1880~2025MHz	15dB Min. at 2300~2400MHz				15dB Min. at 1452~1511MHz
		0.75dB Max. at 2110~2200MHz	20dB Min. at 2496~2690MHz				
		0.75dB Max. at 2300~2400MHz	20dB Min. at 3400~3800MHz				
		0.75dB Max. at 2496~2690MHz		10dB Min. at 4900~5950MHz			
1.30dB Max. at 3400~3800MHz							

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SLFD22 TYPE

Part Number	Characteristic Impedance	Frequency Range	Frequency	Max. IL in BW (@ 25°C)	Ripple in BW (@ 25°C)	Max. VSWR in BW (@ 25°C)	Min. Attenuation (@ 25°C)
Units	Ω	-	MHz	dB	dB	-	dB
SLFD22-3R000G-31T	50	Low Band	617~2690	0.40dB Max. at 617~960MHz	-	20dB Min. at 617~960MHz	15dB Min. at 3300~3400MHz
				0.50dB Max. at 1427~1661MHz		15dB Min. at 1427~1661MHz	20dB Min. at 3400~3800MHz
				0.60dB Max. at 1710~2200MHz		15dB Min. at 1710~2200MHz	20dB Min. at 3800~4200MHz
				0.90dB Max. at 2300~2690MHz		18dB Min. at 2300~2690MHz	20dB Min. at 4400~5000MHz
						15dB Min. at 3300~3400MHz	20dB Min. at 5150~5950MHz
		High Band	3300~5950	1.10dB Max. at 3300~3400MHz		20dB Min. at 3400~3800MHz	20dB Min. at 617~960MHz
				0.90dB Max. at 3400~4200MHz		20dB Min.at 3800~4200MHz	18dB Min. at 1427~1661MHz
				0.80dB Max. at 4400~5000MHz		20dB Min.at 4400~500MHz	18dB Min. at 1710~2200MHz
							18dB Min. at 2300~2690MHz
				0.80dB Max. at 5150~5950MHz		20dB Min.at 5150~5950MHz	20dB Min. at 10300~11700 MHz
							15dB Min. at 15450~17550 MHz

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SLFD22 TYPE

Part Number	Characteristic Impedance	Frequency Range	Frequency	Max. IL in BW (@ 25°C)	Ripple in BW (@ 25°C)	Max. VSWR in BW (@ 25°C)	Min. Attenuation (@ 25°C)	
Units	Ω	-	MHz	dB	dB	-	dB	
SLFD22-4R500G-31T	50	Low Band	1427~4200	0.40dB Max. at 1427~1661MHz	-	18dB Min. at 1427~1661 MHz	18dB Min. at 5150~5925 MHz	
				0.50dB Max. at 1710~2200MHz		18dB Min. at 1710~2200 MHz		
				0.50dB Max. at 2300~2690MHz		18dB Min. at 2300~2690 MHz	20dB Min. at 6600~8400 MHz	
				0.80dB Max. at 3300~3800MHz			20dB Min. at 9900~12800MHz	
				0.90dB Max. at 3800~4200MHz		18dB Min. at 3300~3400 MHz		
		High Band	5150~5925	1.50dB Max. at 5150~5250MHz		18dB Min. at 3400~3800 MHz	20dB Min. at 700~2690 MHz	
							33dB Min. at 2550~2690 MHz	
							20dB Min. at 3300~3800 MHz	
							18dB Min. at 3800~4200 MHz	
							6dB Min. at 6900~7100 MHz	
				1.40dB Max. at 5250~5330MHz		18dB Min. at 3800~4200 MHz	15dB Min. at 7200~7800 MHz	
				1.40dB Max. at 5490~5730MHz			15dB Min. at 7800~9800 MHz	
							15dB Min. at 9800~11700 MHz	
				1.40dB Max. at 5730~5925MHz		18dB Min. at 5150~5925 MHz	11dB Min. at 14700~17850MHz	