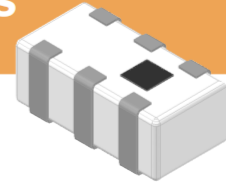


Multilayer Chip LC Diplexer – SLFD Series



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

1	2	3	4	5
SLFD	18	-2R450G	-23	T

1	Type
SLFD	LC Diplexer

2	External Dimensions (L×W) (mm)
15 [0402]	1.0×0.5
18 [0603]	1.6×0.8
21 [0805]	2.0×1.2
22 [1008]	2.5×2.0

3	Center Frequency
Example	Nominal Value
2R450G	2450MHz

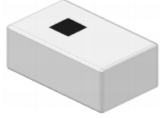
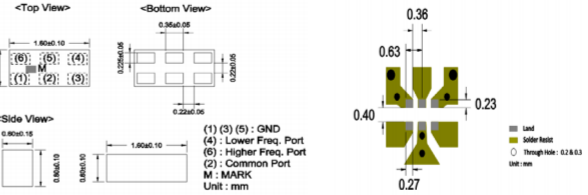
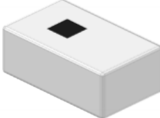
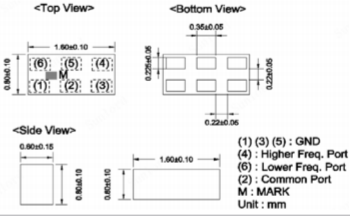
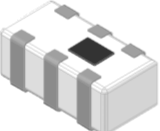
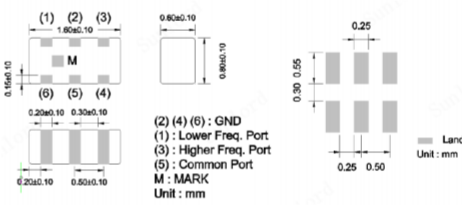
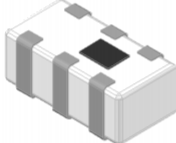
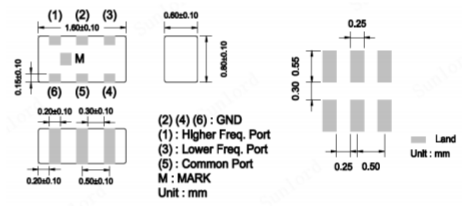
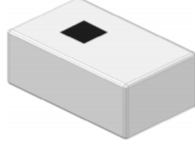
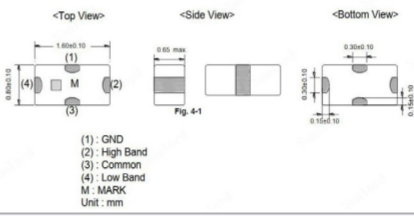
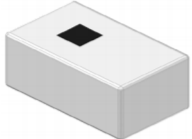
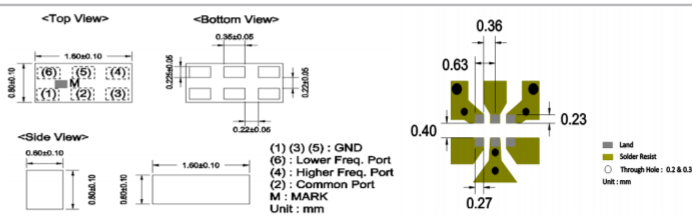
4	Series Code
	01, 02, etc

5	Packing
T	Tape Carrier Package

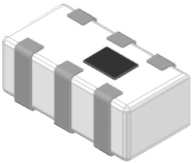
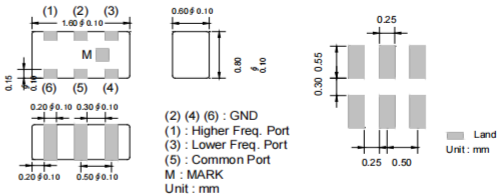
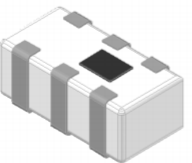
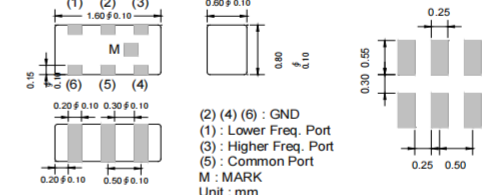
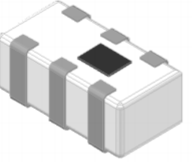
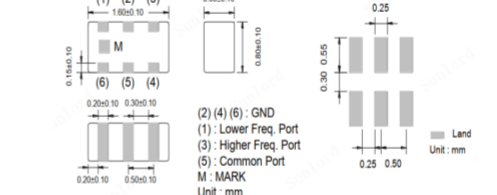
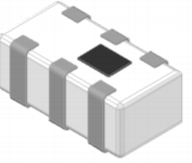
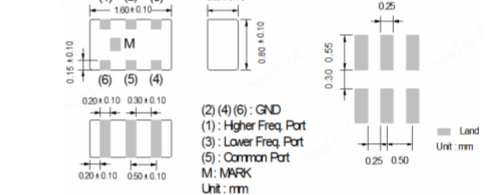
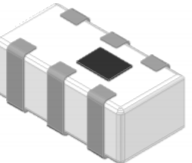
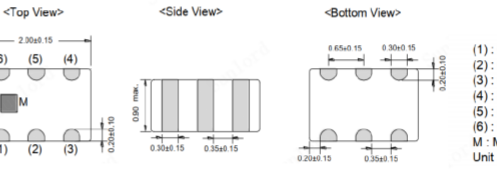
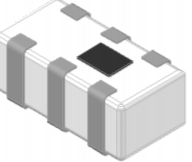
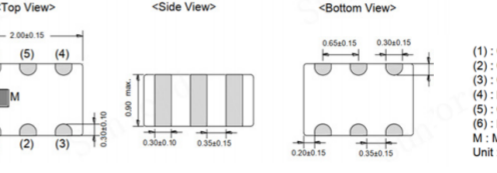
SHAPE AND DIMENSIONS

Type: SLFD15 Series	Dimensions and Land Patterns
	<Top View> <Side View> <Bottom View> (1): Lower Freq. Port (2): Higher Freq. Port (3): Common Port (4): GND M: MARK Unit:mm
SLFD15-5R950G-04T/14T/S06T	Dimensions and Land Patterns
	<Top View> <Side View> <Bottom View> (1): GND (2): Common Port (3): Lower Freq. Port (4): Higher Freq. Port M: MARK Unit:mm

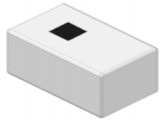
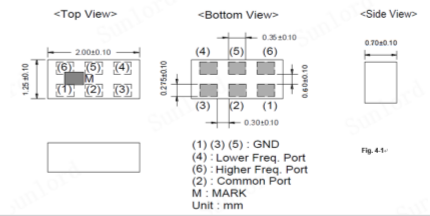
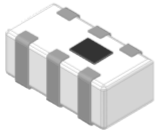
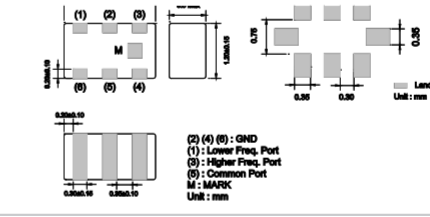
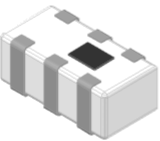
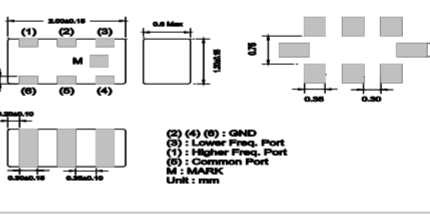
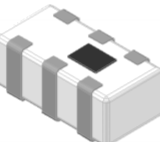
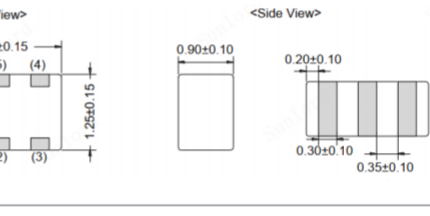
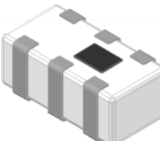
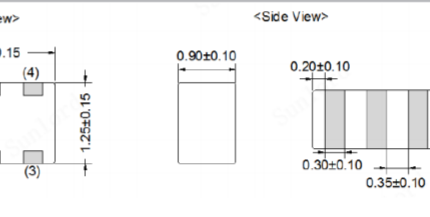
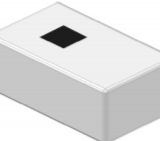
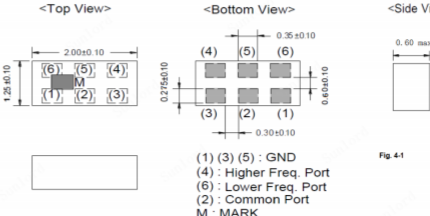
SHAPE AND DIMENSIONS

SLFD18-2R200G-01T/ SLFD18-5R950G-12T	Dimensions and Land Patterns  
SLFD18-2R200G-02T/ SLFD18-3R000G-31T	Dimensions and Land Patterns  
SLFD18-2R450G-22/24T/S34T	Dimensions and Land Patterns  
SLFD18-2R450G-23/25T/S33T/ SLFD18-3R000G-32T/	Dimensions and Land Patterns  
SLFD18-2R450G-26T	Dimensions and Land Patterns  
SLFD18-2R600G-01T/ SLFD18-5R950G-11T	Dimensions and Land Patterns  

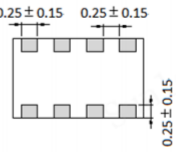
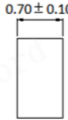
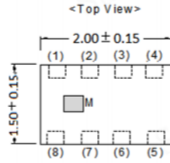
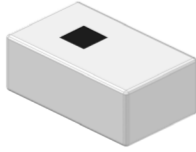
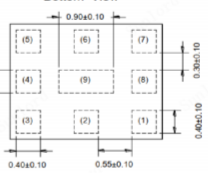
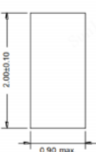
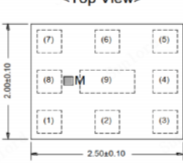
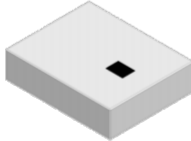
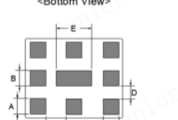
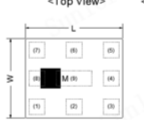
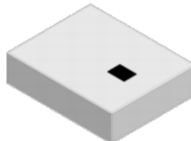
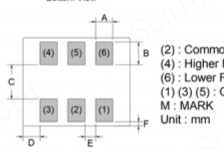
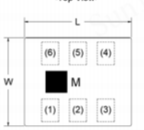
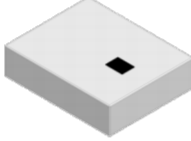
SHAPE AND
DIMENSIONS

	SLFD18-5R950G-01/07/35/41T/67T 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-02/08/36/42T/68T 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/S73T 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/20T/62T/S74T Dimensions and Land Patterns  (2) (4) (6) : GND (1) : Higher Freq. Port (3) : Lower Freq. Port (5) : Common Port M : MARK Unit : mm
	SLFD21-1R400G-01/03T/ SLFD21-1R500G-33T/ SLFD21-2R690G-03T Dimensions and Land Patterns  (1) : GND (2) : Common (3) : GND (4) : High-band (5) : GND (6) : Low-band M : MARK Unit : mm
	SLFD21-1R400G-02T/ SLFD21-2R690G-04T Dimensions and Land Patterns  (1) : GND (2) : Common (3) : GND (4) : Low-band (5) : High-band (6) : GND M : MARK Unit : mm

SHAPE AND
DIMENSIONS

SLFD21-1R400G-04/06/S42T/ SLFD21-2R690G-03T	Dimensions and Land Patterns   (1) (3) (5) : GND (4) : Lower Freq. Port (6) : Higher Freq. Port (2) : Common Port 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   (1) : GND (2) : Common Port (3) : GND (4) : Lower Freq. Port (5) : GND (6) : Higher Freq. Port M : MARK Unit : mm
SLFD21-2R200G-04T/ SLFD21-2R690G-02T/ SLFD21-5R950G-02/12T	Dimensions and Land Patterns   (1) : GND (2) : Common Port (3) : GND (4) : Lower Freq. Port (5) : GND (6) : Higher Freq. Port M : MARK Unit : mm
SLFD21-3R000G-31T/ SLFD21-1R400G-07/S41T/ SLFD21-4R000G-S01T/ SLFD21-4R500G-31/S35T	Dimensions and Land Patterns   (1) (3) (5) : GND (4) : Higher Freq. Port (6) : Lower Freq. Port (2) : Common Port M : MARK Unit : mm

SHAPE AND DIMENSIONS

SLFD21-5R950G-S51T	Dimensions and Land Patterns  (1): 5G_TRXA (5): GND (2): GND (6): GND (3): 2.4G_RXG (7): ANT (4): 2.4G_TXG (8): GND M: MARK Unit: mm																																												
SLFD22-1R300G-31T/ SLFD22-1R500G-31T/ SLFD22-3R000G-31T/ SLFD22-4R500G-31T	Dimensions and Land Patterns  (2): Common Port (5): High band Port (7): Low band Port (1) (3) (4) (6) (8) (9): GND M: MARK Unit: mm																																												
SLFD22-1R300G-32T/ SLFD22-3R000G-32T	Dimensions and Land Patterns <table><tr><th>MARK</th><th>L</th><th>W</th><th>T</th><th>A</th><th>B</th><th>C</th><th>D</th><th>E</th><th>F</th></tr><tr><td>Dimensions (mm)</td><td>2.50 ± 0.15</td><td>2.00 ± 0.15</td><td>0.90 ± 0.10</td><td>0.40 ± 0.10</td><td>0.40 ± 0.10</td><td>0.40 ± 0.10</td><td>0.30 ± 0.10</td><td>0.90 ± 0.15</td><td>0.55 ± 0.15</td></tr></table><table><tr><th>Pin No.</th><th>(1)</th><th>(2)</th><th>(3)</th><th>(4)</th><th>(5)</th><th>(6)</th><th>(7)</th><th>(8)</th><th>(9)</th></tr><tr><td>Pin Defined</td><td>GND</td><td>Common Port</td><td>GND</td><td>GND</td><td>Low Free Port</td><td>GND</td><td>High Free Port</td><td>GND</td><td>GND</td></tr></table><table><tr><th>Symbol</th><th>M</th></tr><tr><td>Meaning</td><td>Mark</td></tr></table>	MARK	L	W	T	A	B	C	D	E	F	Dimensions (mm)	2.50 ± 0.15	2.00 ± 0.15	0.90 ± 0.10	0.40 ± 0.10	0.40 ± 0.10	0.40 ± 0.10	0.30 ± 0.10	0.90 ± 0.15	0.55 ± 0.15	Pin No.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	Pin Defined	GND	Common Port	GND	GND	Low Free Port	GND	High Free Port	GND	GND	Symbol	M	Meaning	Mark
MARK	L	W	T	A	B	C	D	E	F																																				
Dimensions (mm)	2.50 ± 0.15	2.00 ± 0.15	0.90 ± 0.10	0.40 ± 0.10	0.40 ± 0.10	0.40 ± 0.10	0.30 ± 0.10	0.90 ± 0.15	0.55 ± 0.15																																				
Pin No.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)																																				
Pin Defined	GND	Common Port	GND	GND	Low Free Port	GND	High Free Port	GND	GND																																				
Symbol	M																																												
Meaning	Mark																																												
SLFD22-2R300G-01/02T	Dimensions and Land Patterns  (2): Common Port (4): Higher Freq. Port (6): Lower Freq. Port (1) (3) (5): GND M: MARK Unit: mm <table><tr><th>MARK</th><th>L</th><th>W</th><th>T</th><th>A</th><th>B</th><th>C</th><th>D</th><th>E</th><th>F</th></tr><tr><td>Dimensions (mm)</td><td>2.50 ± 0.15</td><td>2.00 ± 0.15</td><td>0.80 ± 0.10</td><td>0.40 ± 0.10</td><td>0.525 ± 0.10</td><td>0.75 ± 0.10</td><td>0.40 ± 0.10</td><td>0.25 ± 0.10</td><td>0.10 ± 0.10</td></tr></table>	MARK	L	W	T	A	B	C	D	E	F	Dimensions (mm)	2.50 ± 0.15	2.00 ± 0.15	0.80 ± 0.10	0.40 ± 0.10	0.525 ± 0.10	0.75 ± 0.10	0.40 ± 0.10	0.25 ± 0.10	0.10 ± 0.10																								
MARK	L	W	T	A	B	C	D	E	F																																				
Dimensions (mm)	2.50 ± 0.15	2.00 ± 0.15	0.80 ± 0.10	0.40 ± 0.10	0.525 ± 0.10	0.75 ± 0.10	0.40 ± 0.10	0.25 ± 0.10	0.10 ± 0.10																																				

SPECIFICATIONS SLFD15 TYPE

Part Number	Characteristic Impedance	Frequency Range	Frequency	Max. IL in BW (@25°C)	Max. RL 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	15 dB min.	-	16 dB Min.@4800~6000MHz
							15 dB Min.@7200~7500MHz
							27 dB Min.@700~2025MHz
		High Band	5150~5950	1.5			28 dB Min.@2400~2690MHz
							10 dB Min.@3500~3700MHz
							11 dB Min.@7250~7800MHz
							20 dB Min.@10300~11700MHz

SPECIFICATIONS SLFD15 TYPE

Part Number	Characteristic Impedance	Frequency Range	Frequency	Max. IL in BW (@25°C)	Max. RL in BW (@25°C)	Max. VSWR in BW (@25°C)	Min. Attenuation (@25°C)
Units	Ω	-	MHz	dB	dB	-	dB
SLFD15-5R950G-03T	50	Low Band	2400~2500	0.45	15 dB min.	-	18.0 dB min.@4800~5000 MHz
							20.0 dB min.@7200~7500 MHz
		High Band	5150~5950	0.8	10 dB min.		30.0 dB min.@1545~1610 MHz
							25.0 dB min.@2400~2500 MHz
							21.0 dB min.@2500~2690 MHz
							9 dB min.@10300~11900 MHz
							13.5 dB min.@11900~12490 MHz
							11.5 dB min.@12490~14250 MHz
SLFD15-5R950G-04T	50	Low Band	2400~2500	0.45	-	-	18.0 dB min.@4800~5000 MHz
							20.0 dB min.@7200~7500 MHz
		High Band	5150~5950	0.8			30.0 dB min.@1545~1610 MHz
							25.0 dB min.@2400~2500 MHz
							21.0 dB min.@2500~2690 MHz
							9 dB min.@10300~11900 MHz
							13.5 dB min.@11900~12490 MHz
							11.5 dB min.@12490~14250 MHz
SLFD15-5R950G-13T	50	Low Band	2400~2500	0.5	10	-	15.0 dB min.@4800~6000 MHz
							15.0 dB min.@5150~7125 MHz
		High Band	5150~7125	0.95			20.0 dB min.@7200~7500 MHz
							24.0 dB min.@500~2400 MHz
							26.0 dB min.@2400~2500 MHz
							19.0 dB min.@2500~2690 MHz
							9.0 dB min.@10300~11900 MHz
							13.5 dB min.@11900~12490 MHz
SLFD15-5R950G-14T	50	Low Band	2400~2500	0.5	10	-	11.5 dB min.@12490~14250 MHz
							8.0 dB min.@15510~21375 MHz
		High Band	5150~7125	0.95			15.0 dB min.@4800~6000 MHz
							15.0 dB min.@5150~7125 MHz
							20.0 dB min.@7200~7500 MHz
							24.0 dB min.@500~2400 MHz
							26.0 dB min.@2400~2500 MHz
							19.0 dB min.@2500~2690 MHz
SLFD15-5R950G-S05T	50	Low Band	2400~2500	0.6	10	-	9.0 dB min.@10300~11900 MHz
							13.5 dB min.@11900~12490 MHz
		High Band	4900~5950	1.0			11.5 dB min.@12490~14250 MHz
							11.5 dB min.@12490~14250 MHz
							23 dB min.@4800~6000 MHz
							23 dB min.@7200~7500 MHz
							25 dB min.@30~2400 MHz
							27 dB min.@2400~2500 MHz
SLFD15-5R950G-S06T	50	Low Band	2400~2500	0.6	10	-	23 dB min.@2500~2690 MHz
							20 dB min.@9800~11900 MHz
		High Band	4900~5950	1.0			23 dB min.@4800~6000 MHz
							23 dB min.@7200~7500 MHz
							25 dB min.@30~2400 MHz
							27 dB min.@2400~2500 MHz
							23 dB min.@2500~2690 MHz
							20 dB min.@9800~11900 MHz

SPECIFICATIONS SLFD18 TYPE

Part Number	Characteristic Impedance	Frequency Range	Frequency	Max. IL in BW (@25°C)	Max. RL 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	-	-	20 dB Min.@698~960MHz	
		High Band	1710~2700	0.7			25 dB Min.@1710~2700MHz	
SLFD18-2R200G-02T	50	Low Band	698~960	0.8	-	-	25 dB Min.@1710~2700MHz	
		High Band	1710~2700	0.7			20 dB Min.@698~960MHz	
SLFD18-2R450G-22T	50	Low Band	1570~1610	0.5	-	-	20 dB Min.@2400~2500MHz	
		High Band	2400~2500	0.5			20 dB Min.@1570~1610MHz	
SLFD18-2R450G-23T	50	Low Band	1570~1610	0.45	-	-	20 dB Min.@2400~2500MHz	
		High Band	2400~2500	0.5			20 dB Min.@1570~1610MHz	
SLFD18-2R450G-24T	50	Low Band	1560~1607	0.65	-	-	15 dB Min.@2300~2700MHz	
		High Band	2300~2700	0.75			17 dB Min.@1560~1607MHz	
SLFD18-2R450G-25T	50	Low Band	1560~1607	0.65	-	-	15 dB Min.@2300~2700MHz	
		High Band	2300~2700	0.75			17 dB Min.@1560~1607MHz	
SLFD18-2R450G-S33T	50	Low Band Low Band	704~1610	0.40 dB max. @704~960 MHz	15	-	15 dB min.@2400~2500 MHz	
				0.40 dB max. @1572~1578 MHz			10dB min.@2500~2690 MHz	
				0.45 dB max. @1570~1610 MHz			17dB min.@4900~5150 MHz	
		High Band	2400~5950	0.55 dB max. @2400~2690 MHz	12		17 dB min.@5150~5850 MHz	
				0.50 dB max. @4900~5950 MHz			16 dB min.@5850~5950 MHz	
							12 dB min.@704~960 MHz	
SLFD18-2R450G-S34T	50	Low Band Low Band	704~1610	0.40 dB max. @704~960 MHz	15	-	20 dB min.@1572~1578 MHz	
				0.40 dB max. @1572~1578 MHz			20 dB min.@1570~1610 MHz	
				0.45 dB max. @1570~1610 MHz				
		High Band	2400~5950	0.55 dB max. @2400~2690 MHz	12		12 dB min.@704~960 MHz	
				0.50 dB max. @4900~5950 MHz			20 dB min.@1572~1578 MHz	
							20 dB min.@1570~1610 MHz	
SLFD18-3R000G-31T	50	Low Band	698~2690	0.8	-	2	13 dB Min.@3400~3800MHz	
							20 dB Min.@5150~5850MHz	
		High Band	3400~3800 5150~5850	0.9			14 dB Min.@698~2690MHz	
				0.6			18 dB Min.@10300~11700MHz	
SLFD18-3R000G-32T	50	Low Band	698~2690	0.8	-	2	13 dB Min.@3400~3800MHz	
							20 dB Min.@5150~5850MHz	
		High Band	3400~3800 5150~5850	0.9 dB max. @3400~3800MHz			14 dB Min.@698~2690MHz	
				0.6 dB max. @5150~5850MHz			18 dB Min.@10300~11700MHz	
SLFD18-5R950G-S01T	50	Low Band	2400~2500	0.65	-	2	35 dB Min.@4800~5000MHz	
							30 dB Min.@7200~7500MHz	
		High Band	4900~5950	0.75			28 dB Min.@30~2100MHz	
							32 dB Min.@2400~2700MHz	
SLFD18-5R950G-S02T	50	Low Band	2400~2500	0.55	-	2	25 dB Min.@9800~11900MHz	
							15 dB Min.@14700~17850MHz	
		High Band	4900~5950	0.75			30 dB Min.@4800~5000MHz	
							25 dB Min.@7200~7500MHz	
		Low Band	2400~2500	0.55			25 dB Min.@30~2100MHz	
							30 dB Min.@2400~2500MHz	
		High Band	4900~5950	0.75			12 dB Min.@8100~8900MHz	
							20 dB Min.@9800~11900MHz	
						15 dB Min.@14700~17850MHz		

SPECIFICATIONS SLFD18 TYPE

Part Number	Characteristic Impedance	Frequency Range	Frequency	Max. IL in BW (@25°C)	Max. RL in BW (@25°C)	Max. VSWR in BW (@25°C)	Min. Attenuation (@25°C)
Units	Ω	-	MHz	dB	dB	-	dB
SLFD18-5R950G-S03T	50	Low Band	2400~2500	0.5	-	2	35 dB Min.@4800~5000MHz
							25 dB Min.@7200~7500MHz
		High Band	4900~5950	0.9			25 dB Min.@300~2100MHz
							32 dB Min.@2400~2700MHz
							20 dB Min.@9800~11950MHz
							15 dB Min.@14700~17850MHz
SLFD18-5R950G-S04T	50	Low Band	2400~2500	0.5	-	2	25 dB Min.@300~2100MHz
							32 dB Min.@2400~2700MHz
		High Band	4900~5950	0.9			35 dB Min.@4800~5000MHz
							25 dB Min.@7200~7500MHz
							20 dB Min.@9800~11950MHz
							15 dB Min.@14700~17850MHz
SLFD18-5R950G-S07T	Complex Conjugate to IC chipset	Low Band	2400~2500	0.4	-	1.5	21 dB Min.@4800~5000MHz
							23 dB Min.@5000~5950MHz
	50	High Band	4900~5950	0.6		1.8	25 dB Min.@7200~7500MHz
							25 dB Min.@824~2170MHz
							28 dB Min.@2400~2700MHz
							20 dB Min.@9800~11900MHz
SLFD18-5R950G-S08T	Complex Conjugate to IC chipset	Low Band	2400~2500	0.4	-	1.5	21 dB Min.@4800~5000MHz
							23 dB Min.@5000~5950MHz
	50	High Band	4900~5950	0.6		1.8	25 dB Min.@7200~7500MHz
							25 dB Min.@824~2170MHz
							28 dB Min.@2400~2700MHz
							20 dB Min.@9800~11900MHz
SLFD18-5R950G-11T	50	Low Band	698~2690	0.35 dB Max. @698~960MHz	-	1.8	32 dB Min.@4800~5000MHz
				0.45 dB Max. @1427~2400MHz			35 dB Min.@5000~5950MHz
				0.60 dB Max. @2400~2500MHz			20 dB Min.@7200~7500MHz
				0.60 dB Max. @2500~2690MHz			19 dB Min.@7635~8070MHz
		High Band	5150~5850	0.7	-	1.8	32 dB Min.@698~1805MHz
							32 dB Min.@1805~1950MHz
							34 dB Min.@1950~2400MHz
							40 dB Min.@2400~2500MHz
							32 dB Min.@2500~2690MHz
							16 dB Min.@10300~11700MHz
SLFD18-5R950G-12T	50	Low Band	698~2690	0.35 dB Max. @698~960MHz	-	1.8	32 dB Min.@4800~5000MHz
				0.45 dB Max. @1427~2400MHz			35 dB Min.@5000~5950MHz
				0.60 dB Max. @2400~2500MHz			20 dB Min.@7200~7500MHz
				0.60 dB Max. @2500~2690MHz			19 dB Min.@7635~8070MHz
		High Band	5150~5850	0.7	-	1.8	32 dB Min.@698~1805MHz
							32 dB Min.@1805~1950MHz
							34 dB Min.@1950~2400MHz
							40 dB Min.@2400~2500MHz
							32 dB Min.@2500~2690MHz
							20 dB Min.@10300~11700MHz

SPECIFICATIONS SLFD18 TYPE

Part Number	Characteristic Impedance	Frequency Range	Frequency	Max. IL in BW (@25°C)	Max. RL in BW (@25°C)	Max. VSWR in BW (@25°C)	Min. Attenuation (@25°C)		
Units	Ω	-	MHz	dB	dB	-	dB		
SLFD18-5R950G -20T	50	Low Band	2400~2500	0.6	-	1.8	30 dB Min.@4800~5000MHz		
				25 dB Min.@7200~7500MHz					
		High Band	4900~6000	0.75			28 dB Min.@30~2700MHz		
				20 dB Min.@9800~11900MHz					
							12 dB Min.@14700~17850MHz		
SLFD18-5R950G -35T	50	Low Band	2400~2500	0.95	-	-	20 dB Min.@700~1300MHz		
				25 dB Min.@4800~5000MHz					
		High Band	4900~6000	1			30 dB Min.@7200~7500MHz		
				27 dB Min.@1200~1500MHz					
				26 dB Min.@1600~2000MHz					
				25 dB Min.@2300~3000MHz					
							15 dB Min.@98000~12000MHz		
							15 dB Min.@14700~18000MHz		
SLFD18-5R950G -36T	50	Low Band	2400~2500	0.95	-	-	20 dB Min.@700~1300MHz		
				25 dB Min.@4800~5000MHz					
		High Band	4900~6000	1			30 dB Min.@7200~7500MHz		
				27 dB Min.@1200~1500MHz					
				26 dB Min.@1600~2000MHz					
				25 dB Min.@2300~3000MHz					
							15 dB Min.@98000~12000MHz		
							15 dB Min.@14700~18000MHz		
SLFD18-5R950G -61T	50	Low Band	2400~2500	0.60	-	-	25 Min.@4800~5000MHz		
							23 Min.@5170~7500MHz		
							20 Min.@9600~10000MHz		
							18 Min.@12000~12500MHz		
		High Band	5170~7125	0.90			28 Min.@1425~1607MHz		
							30 Min.@1710~2200MHz		
							26 Min.@2300~2500MHz		
							20 Min.@2500~2690MHz		
							15 Min.@10340~14250MHz		
							15 Min.@15510~19500MHz		
SLFD18-5R950G -62T	50	Low Band	2400~2500	0.6	12	-	25 min.@4800~5000MHz		
							23 min.@5170~7500MHz		
							20 min.@9600~10000MHz		
							18 min.@12000~12500MHz		
		High Band	5170~7125	0.9			25 min.@70~960MHz		
							28 min.@1425~1607MHz		
							30 min.@1710~2200MHz		
							26 min.@2300~2500MHz		
							20 min.@2500~2690MHz		
							9 min.@3400~3800MHz		
							15 min.@10340~14250MHz		
							15 min.@15510~19500MHz		
SLFD18-5R950G -67T	50	Low Band	2400~2500	0.85	15	-	15 dB min. (16 dB typ.) @30~1000MHz		
							30 dB min. (31 dB typ.) @4800~7125MHz		
							30 dB min. (31 dB typ.) @7200~7500MHz		
							15 dB min. (34 dB typ.) @7700~12000MHz		
		High Band	5170~7125	1.2			11	-	15 dB min. (33 dB typ.) @100~2300MHz
							38 dB min. (40 dB typ.) @2400~2500MHz		
							15 dB min. (24 dB typ.) @2700~3500MHz		
							25 dB min. (33 dB typ.) @10300~14250MHz		
							15 dB min. (20 dB typ.) @15450~21375MHz		

Multilayer Chip
LC FilterMultilayer Chip
BalunMultilayer Chip
DiplexerMultilayer Chip
TriplexerMultilayer Chip LC
CouplerMultilayer Chip
AntennaWire Wound Chip
Balun TransformerCeramic Dielectric
Filter

SPECIFICATIONS SLFD18 TYPE

Part Number	Characteristic Impedance	Frequency Range	Frequency	Max. IL in BW (@25°C)	Max. RL in BW (@25°C)	Max. VSWR in BW (@25°C)	Min. Attenuation (@25°C)
Units	Ω	-	MHz	dB	dB	-	dB
SLFD18-5R950G-68T	50	Low Band	2400~2500	0.85	15	-	15 dB min. (16 dB typ.) @30~1000MHz
							30 dB min. (31 dB typ.) @4800~7500MHz
							15 dB min. (34 dB typ.) @7700~7950MHz
							15 dB min. (32 dB typ.) @7500~12000MHz
		High Band	5170~7125	1.2	11		15 dB min. (33 dB typ.) @100~2300MHz
							38 dB min. (40 dB typ.) @2400~2500MHz
							15 dB min. (24 dB typ.) @2700~3500MHz
							25 dB min. (33 dB typ.) @10300~14250MHz
							15 dB min. (20 dB typ.) @15450~21375MHz
SLFD18-5R950G-S74T	50	Low Band	2400~2500	0.35 dB max. @617~2400 MHz	12	-	20 dB min.@4800~5000MHz
				0.35 dB max. @2400~2500 MHz			20 dB min.@5150~7125MHz
				0.40 dB max. @2500~2690 MHz			23 dB min.@7200~7500MHz
				0.90 dB max. @5150~5925 MHz			23 dB min.@9600~10000MHz
		High Band	5170~7125	0.75 dB max. @5925~7125 MHz	22 dB min.@12000~12500MHz		
					25 dB min.@617~960MHz		
					25 dB min.@1427~2690MHz		
					20 dB min.@3300~4200MHz		
					28 dB min.@10300~14250MHz		
SLFD18-5R950G-S73T	50	Low Band	2400~2500	0.35 dB max. @617~2400 MHz	12	-	15 dB min.@15450~21375MHz
				0.35 dB max. @2400~2500 MHz			20 dB min.@4800~5000MHz
				0.40 dB max. @2500~2690 MHz			20 dB min.@5150~7125MHz
				0.90 dB max. @5150~5925 MHz			23 dB min.@7200~7500MHz
		High Band	5170~7125	0.75 dB max. @5925~7125 MHz	23 dB min.@9600~10000MHz		
					22 dB min.@12000~12500MHz		
					25 dB min.@617~960MHz		
					25 dB min.@1427~2600 MHz		
					20 dB min.@3300~4200 MHz		
	28 dB min.@10300~14250 MHz						
	15 dB min.@15450~21375 MHz						

SLFD21 TYPE

Part Number	Characteristic Impedance	Frequency Range	Frequency	Max. IL in BW (@25°C)	Max. RL 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	22 dB Min. @1427~2690MHz
		High Band	1427~2690	0.75			20 dB Min. @698~915MHz
SLFD21-1R400G-02T	50	Low Band	698~960	0.8	-	2	17 dB Min. @915~960MHz
							22 dB min. @1427~1710 MHz
		High Band	1427~2690	0.75			25 dB min. @2025~2690 MHz
SLFD21-1R400G-03T	50	Low Band	570~960	0.75	-	2	20 dB min. @698~915 MHz
		High Band	1427~2690	0.85			17 dB min. @915~960 MHz
SLFD21-1R400G-04T	50	Low Band	570~960	0.75	-	2	20 dB Min. @1427~2700MHz
		High Band	1427~2690	0.85			20 dB Min. @570~960MHz

SPECIFICATIONS SLFD21 TYPE

Part Number	Characteristic Impedance	Frequency Range	Frequency	Max. IL in BW (@25°C)	Max. RL in BW (@25°C)	Max. VSWR in BW (@25°C)	Min. Attenuation (@25°C)	
Units	Ω	-	MHz	dB	dB	-	dB	
SLFD21-1R400G-06T	50	Low Band	617~960	0.6	15	-	20 dB min.@1554~1606 MHz	
							35 dB min.@1805~1880 MHz	
							35 dB min.@2110~2200 MHz	
							35 dB min.@2620~2690 MHz	
							35 dB min.@3400~3800 MHz	
		32 dB min.@5150~5925 MHz						
High Band	1452~2690	1.20 dB max. @1452~1496 MHz	12	22 dB min.@617~960 MHz				
		0.60 dB max. @1710~2200 MHz		2 dB min.@3400~3800 MHz				
		0.70 dB max. @2300~2690 MHz		22 dB min.@5150~5925 MHz				
SLFD21-1R400G-07T	50	Low Band	617~960	0.7	-		1.8	21 dB min.@1428~1698 MHz
								25 dB min.@1710~2200 MHz
								27 dB min.@2300~2690 MHz
						27 dB min.@3400~3700 MHz		
		30 dB min.@5150~5950 MHz						
		High Band	1428~2690	1.00 dB max. @1428~1511 MHz		27 dB min.@617~960 MHz		
0.60 dB max. @1710~2200 MHz	35 dB min.@5150~5925 MHz							
0.70 dB max. @2300~2690 MHz	30 dB min.@5925~8000 MHz							
SLFD21-1R400G-S41T	50	Low Band	650~960	0.48	15	-	11 dB min.@1427~2750 MHz	
		High Band	1427~2750		10		11 dB min.@650~960 MHz	
SLFD21-1R400G-S42T	50	Low Band	650~960	0.48	15	-	11 dB min.@1427~2750 MHz	
		High Band	1427~2750		10		11 dB min.@650~960 MHz	
SLFD21-1R500G-33T	50	Low Band	617~1511	0.85 dB max. @698~960 MHz	10	-	10 dB min.@1710~1880 MHz	
				1.00 dB max. @960~1447 MHz			10 dB min.@1880~2170 MHz	
				1.60 dB max. @1447~1511 MHz			10 dB min.@2170~2700 MHz	
		High Band	1710~2690	1.60 dB max. @1710~1880 MHz			7 dB min.@698~960 MHz	
				1.00 dB max. @1880~2170 MHz			7 dB min.@960~1447 MHz	
				1.00 dB max. @2170~2700 MHz			10 dB min.@1447~1511 MHz	
SLFD21-2R200G-03T	50	Low Band	698~746 746~960	0.4 0.5	-	2	30 dB Min.@1710~2170MHz	
			30 dB Min.@2170~2400MHz					
		High Band	1710~2700	0.6			32 dB Min.@2400~2700MHz	
SLFD21-2R200G-04T	50	Low Band	698~746	0.4 0.5	-	2	25 dB Min.@698~960MHz	
							30 dB Min.@1710~2170MHz	
		High Band	1710~2700	0.6			30 dB Min.@2170~2400MHz	
							25 dB Min.@2400~2700MHz	

SPECIFICATIONS SLFD21 TYPE

Part Number	Characteristic Impedance	Frequency Range	Frequency	Max. IL in BW (@25°C)	Max. RL 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	0.4 dB @698-960MHz	-	2	10 dB Min. @2402~2482MHz
				0.5 dB @1420-1610MHz			
				0.65 dB @1710-1920MHz			
				0.8 dB @1920-1990MHz			
				1.40 dB @1990-2170MHz			
				1.35 dB @2496-2515MHz		2 Max. @2496~2690 MHz	14 dB Min. @2496~2690MHz
		High Band	2496~4200	1.2 dB @2515-2675MHz			
				0.9 dB @2675-2690MHz		2.33 Max. @3300~4200 MHz	25 dB Min. @4900~5900MHz
				1.1dB @3300~4200MHz			
				0.4 dB @698-960MHz			
				0.5 dB @1420-1610MHz			
				0.65 dB @1710-1920MHz			
SLFD21-2R690G-02T	50	Low Band	698~2170	0.8 dB @1920-1990MHz	-	2	10 dB Min. @2402~2482MHz
				1.40 dB @1990-2170MHz			
				1.35 dB @2496-2515MHz			
				1.2 dB @2515-2675MHz			
				0.9 dB @2675-2690MHz			
				1.1dB @3300~4200MHz			
		High Band	2496~4200	0.4 dB @698-960MHz		2 Max. @2496~2690 MHz	14 dB Min. @2496~2690MHz
				0.5 dB @1420-1610MHz			
				0.65 dB @1710-1920MHz		2.33 Max. @3300~4200 MHz	25 dB Min. @4900~5900MHz
				0.8 dB @1920-1990MHz			
				1.40 dB @1990-2170MHz			
				1.35 dB @2496-2515MHz			
SLFD21-2R690G-03T	50	Low Band	698~2170	1.2 dB @3300~4200MHz	12	-	12 dB min. @2496~2690 MHz
				0.8 dB max. @1710~1980 MHz			
				1.0 dB max. @1980~2170 MHz			
				1.0 dB max. @2496~2690 MHz			
				0.6 dB max. @2690~4200 MHz			
				0.6 dB max. @4200~5850 MHz			
		High Band	2496~5850	0.4 dB @698-960 MHz			15 dB min. @698~1710MHz
				0.5 dB @1420-1610 MHz			
				0.65 dB @1710-1920 MHz			
				0.8 dB @1920-1990 MHz			
				1.40 dB @1990-2170 MHz			
				1.35 dB @2496-2515 MHz			
SLFD21-2R690G-04T	50	Low Band	698~2170	1.2 dB @2515-2675 MHz	-	2	20 dB min. @698~960MHz
				0.9 dB @2675-2690 MHz			
				1.1 dB @3300~4200 MHz			
				0.4 dB @698-960 MHz		2.0 max. @2496~2690 MHz	15 dB min. @1710~2170MHz
				0.5 dB @1420-1610 MHz			
				0.65 dB @1710-1920 MHz		2.33 max. @3300~4200 MHz	20 dB min. @2496~2690MHz
		High Band	2496~4200	0.8 dB @1920-1990 MHz			
				1.40 dB @1990-2170 MHz			
				1.35 dB @2496-2515 MHz			
				1.2 dB @2515-2675 MHz			
				0.9 dB @2675-2690 MHz			
				1.1 dB @3300~4200 MHz			

SPECIFICATIONS SLFD21 TYPE

Part Number	Characteristic Impedance	Frequency Range	Frequency	Max. IL in BW (@25°C)	Max. RL 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	0.35 dB Max. @617-960MHz	-	2	20 dB Min. @3300~3400MHz
				0.45 dB Max. @1427-1511MHz			23dB Min. @3400~3800MHz
				0.55dB Max. @1710-2170MHz			30dB Min. @5150~5925MHz
				0.90 dB Max. @2300~2496MHz			
				1.2dB Max. @2496~2690MHz			
		High Band	3300~5925	1.3dB Max. @3300~3400MHz			30 dB Min. @617-960MHz
							30 dB Min. @1427-1511MHz
				1dB Max. @3400~3800MHz			25dB Min. @1710-2170MHz
							22 dB Min. @2170~2690MHz
				0.5 dB Max. @5150~5925MHz			15dB Min. @10300~11850MHz
							10dB Min. @15450~17775MHz
SLFD21-3R000G-32T	50	Low Band	617~2690	0.35 dB max. @617~960 MHz	-	1.67	20 dB min. @3300~3400MHz
				0.45 dB max. @1427~1511 MHz			
				0.55 dB max. @1710~2170 MHz			23 dB min. @3400~3800MHz
				0.75 dB max. @2300~2496 MHz			30 dB min. @5150~5925MHz
				0.90 dB max. @2496~2690 MHz			30 dB min. @617~960MHz
		High Band	3300~5925	1.30 dB max. @3300~3400 MHz			30 dB min. @1427~1511MHz
							25 dB min. @1710~2170MHz
				1.00 dB max. @3400~3800 MHz			22 dB min. @2170~2690MHz
							15 dB min. @10300~11850MHz
				0.70 dB max. @5150~5925 MHz			10 dB min. @15450~17775MHz
SLFD21-4R000G-S01T	50	Low Band	3300~3800	0.95	10	-	15 dB Min. @4400~5000MHz
		High Band	4400~5925	0.95 dB max. @4400~4900 MHz			15 dB Min. @5150~5925MHz
				0.55 dB max. @4900~5000 MHz			14 dB Min. @3300~3400MHz
				0.55 dB max. @5150~5925 MHz			15 dB Min. @3400~3800MHz

SPECIFICATIONS SLFD21 TYPE

Part Number	Characteristic Impedance	Frequency Range	Frequency	Max. IL in BW (@25°C)	Max. RL in BW (@25°C)	Max. VSWR in BW (@25°C)	Min. Attenuation (@25°C)		
Units	Ω	-	MHz	dB	dB	-	dB		
SLFD21-4R500G -31T	50	Low Band	5150~5850	0.70 dB max. @1559~3800 MHz	12	-	18 dB Min. @5150~5850MHz		
				1.40 dB max. @3800~4200 MHz					
		High Band	5150~5850	1.05			20 dB Min. @3400~3800MHz		
							7 dB Min. @3800~4200MHz		
							20 dB Min. @10300~11700MHz		
20 dB Min. @15450~17550MHz									
SLFD21-4R500G -S35T	50	Low Band	660~4200	0.6 dB max. @660~3800 MHz	10	-	20 dB Min. @5150~7125MHz		
				0.9 dB max. @3800~4200 MHz					
		High Band	660~4200	1.0 dB max. @5150~5925 MHz			20 dB Min. @5150~7125MHz		
				0.8 dB max. @5950~7125 MHz			20 dB Min. @3300~4200MHz		
							20 dB Min. @ 10300~14250MHz		
SLFD21-5R950G -01T	50	Low Band	2400~2500	0.45	15	-	23dB Min. @4800~5000MHz		
		High Band	4900~5950	0.5	12		20dB Min. @7200~7500MHz		
							25dB Min. @2400~2500MHz		
SLFD21-5R950G -12T	50	Low Band	2400~2500	0.45	15	-	20dB Min. @10300~11700MHz		
							High Band	5100~5850	0.5
		25dB min. @2400~2500MHz							
		20dB min. @10300~11700MHz							
SLFD21-5R950G -S51T	50	Low Band	2400~2500	1.5	10	-	27 dB min. @4800~5000MHz		
				2.2			23 dB min. @5000~5950MHz		
							20 dB min. @7200~7500MHz		
							21 dB min. @4800~5000MHz		
							20 dB min. @5000~5950MHz		
							20 dB min. @7200~7500MHz		
		20 dB min. @2400~2500MHz							
		High Band	4900~5950	1.3			6 dB min. @8100~8800MHz		
							12 dB min. @8820~9800MHz		
							23 dB min. @9800~11900MHz		

SPECIFICATIONS SLFD22 TYPE

Part Number	Characteristic Impedance	Frequency Range	Frequency	Max. IL in BW (@25°C)	Max. RL in BW (@25°C)	Max. VSWR in BW (@25°C)	Min. Attenuation (@25°C)
Units	Ω	-	MHz	dB	dB	-	dB
SLFD22-1R300G-31T	50	Low Band	1166~1250	0.8	12	17.0 dB min. @1166~1250 MHz	17.0 dB min. @1525~1559MHz
						17.0 dB min. @1166~1250 MHz	17.0 dB min. @1559~1606MHz
		High Band	1525~1606	0.90 dB max. @1525~1559MHz		17.0 dB min. @1559~1606 MHz	17.0 dB min. @1559~1606MHz
				0.85 dB max. @1559~1606MHz			
SLFD22-1R300G-32T	50	Low Band	1166~1250	0.8	12	17.0 dB min. @1166~1250 MHz	17.0 dB min. @1525~1559MHz
						17.0 dB min. @1166~1250 MHz	17.0 dB min. @1559~1606MHz
		High Band	1525~1606	0.90 dB max. @1525~1559MHz		17.0 dB min. @1559~1606 MHz	17.0 dB min. @1559~1606MHz
				0.85 dB max. @1559~1606MHz			
SLFD22-1R500G-31T	50	Low Band	698~1511	0.80 dB Max. @698~960MHz	--	15 dB Min. @698~960MHz	14 dB Min. @1710~1785MHz
				1.50 dB Max. @1447~1463MHz			15 dB Min. @1805~1880MHz
							15 dB Min. @1880~2025MHz
							15 dB Min. @1452~1511MHz
				1.50 dB Max. @1452~1496MHz		15 dB Min. @1710~1785MHz	15 dB Min. @2300~2400MHz
						15 dB Min. @1805~1880MHz	20 dB Min. @2496~2690MHz
						15 dB Min. @1880~2025MHz	20 dB Min. @3400~3800MHz
				1.80 dB Max. @1496~1511MHz			15 dB Min. @3800~5950MHz
		High Band	1710~3800	1.50 dB Max. @1710~1785MHz		15 dB Min. @2110~2200MHz	15 dB Min. @698~960MHz
				1.20 dB Max. @1805~1880MHz		15 dB Min. @2300~2400MHz	
				10 dB Max. @1880~2025MHz		20 dB Min. @2496~2690MHz	15 dB Min. @1452~1511MHz
				0.75 dB Max. @2110~2200MHz		20 dB Min. @3400~3800MHz	10 dB Min. @4900~5950MHz
				0.75 dB Max. @2300~2400MHz			
				0.75 dB Max. @2496~2690MHz			
				1.30 dB Max. @3400~3800MHz			
SLFD22-2R300G-01T	50	Low Band	450~2200	0.45 dB max. @450~1710MHz	10	15 dB min. @450~960MHz	6 dB min. @2300~2350MHz
				0.80 dB max. @1710~1990MHz		15 dB min. @960~1427MHz	10 dB min. @2350~2500MHz
				0.90 dB max. @1990~2025MHz		15 dB min. @1427~1710MHz	10 dB min. @2500~2690MHz
				1.40 dB max. @2025~2110MHz		10 dB min. @1710~1990MHz	18 dB min. @3300~4200MHz
				2.30 dB max. @2110~2170MHz		10 dB min. @1990~2110MHz	18 dB min. @4400~5000MHz
				2.60 dB max. @2170~2200MHz		6 dB min. @2110~2200MHz	18 dB min. @5150~5925MHz
				2.50 dB max. @2300~2350MHz		6 dB min. @2300~2350MHz	15 dB min. @450~1710MHz
				1.50 dB max. @2350~2400MHz		10 dB min. @2350~2500MHz	10 dB min. @1710~1990MHz
		High Band	2300~2690	1.00 dB max. @2400~2500MHz		10 dB min. @2500~2690MHz	10 dB min. @1990~2110MHz
				0.85 dB max. @2500~2690MHz			6 dB min. @2110~2200MHz

SPECIFICATIONS SLFD22 TYPE

Part Number	Characteristic Impedance	Frequency Range	Frequency	Max. IL in BW (@25°C)	Max. RL in BW (@25°C)	Max. VSWR in BW (@25°C)	Min. Attenuation (@25°C)
Units	Ω	-	MHz	dB	dB	-	dB
SLFD22-2R300G-02T	50	Low Band	450~2200	0.45 dB max. @450~1427MHz	10	15 dB min. @450~960 MHz	10 dB min. @2300~2690MHz
				0.50 dB max. @1427~1710MHz			18 dB min. @3300~4200MHz
				0.70 dB max. @1710~2025MHz			18 dB min. @4400~5000MHz
				1.40 dB max. @2025~2110MHz			
				1.90 dB max. @2110~2170MHz			
				2.80 dB max. @2170~2200MHz			
		High Band	2300~2690	1.90 dB max. @2300~2350MHz		19 dB min. @1427~1710 MHz	18 dB min. @5150~5925MHz
				1.20 dB max. @2350~2400MHz			15 dB min. @450~1785MHz
				1.20 dB max. @2350~2400MHz			12 dB min. @1805~1880MHz
				0.85 dB max. @2500~2690MHz			10 dB min. @1850~1980MHz
SLFD22-3R000G-31T	50	Low Band	617~2690	0.40 dB Max. @617~960MHz	-	20 dB Min. @617~960MHz	15 dB Min. @3300~3400MHz
				0.50 dB Max. @1427~1661MHz		15 dB Min. @1427~1661MHz	20 dB Min. @3400~3800MHz
				0.60 dB Max. @1710~2200MHz		15 dB Min. @1710~2200MHz	20 dB Min. @3800~4200MHz
				0.90 dB Max. @2300~2690MHz		18 dB Min. @2300~2690MHz	20 dB Min. @4400~5000MHz
		High Band	3300~5950	1.10 dB Max. @3300~3400MHz		15 dB Min. @3300~3400MHz	20 dB Min. @5150~5950MHz
				0.90 dB Max. @3400~4200MHz		20 dB Min. @3400~3800MHz	20 dB Min. @617~960MHz
				0.80 dB Max. @4400~5000MHz		20 dB Min. @3800~4200MHz	18 dB Min. @1427~1661MHz
						20 dB Min. @4400~500MHz	18 dB Min. @1710~2200MHz
							18 dB Min. @2300~2690MHz
				0.80 dB Max. @5150~5950MHz		20 dB Min. @5150~5950MHz	20 dB Min. @10300~11700MHz
SLFD22-3R000G-32T	50	Low Band	617~2690	0.40 dB max. @617~960MHz	0.5	20 dB Min. @617~960 MHz	0.80 dB max. @5150~5950MHz
				0.50 dB max. @1427~1661MHz		15 dB Min. @1427~1661 MHz	20 dB Min. @3400~4200MHz
				0.60 dB max. @1710~2200MHz		15 dB Min. @1710~2200 MHz	20 dB Min. @4400~5000MHz
				0.90 dB max. @2300~2690MHz		18 dB Min. @2300~2690 MHz	20 dB Min. @5150~5950MHz
		High Band	3300~5950	1.10 dB max. @3300~3400MHz		15 dB Min. @3300~3400 MHz	20 dB Min. @617~960MHz
				0.90 dB max. @3400~4200MHz		20 dB Min. @3400~3800 MHz	18 dB Min. @1427~1661MHz
				0.80 dB max. @4400~5000MHz		20 dB Min. @3800~4200 MHz	18 dB Min. @1710~2200MHz
							18 dB Min. @2300~2690MHz
				0.80 dB max. @5150~5950MHz		20 dB Min. @4400~5000MHz	20 dB Min. @10300~11700MHz
						20 dB Min. @5150~5950MHz	15 dB Min. @15450~17550 MHz

SPECIFICATIONS SLFD22 TYPE

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