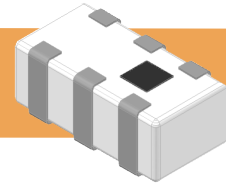


叠层片式 LC 双工器—SLFD 系列

Multilayer Chip LC Diplexer – SLFD Series



工作温度
Operating Temp

◆ $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

特征
Features

- ◆ 体积小, 适合高密度贴装
- ◆ 低插损、高抑制
- ◆ 具有优良的焊接性能
- ◆ Small and low profile enables high density mounting
- ◆ Low insertion loss & high attenuation
- ◆ Excellent solderability

用途
Applications

- ◆ LTE, 5G 等系统的移动通讯设备
- ◆ Bluetooth, Wi-Fi, WLAN 等领域
- ◆ Mobile communication equipment for LTE, 5G systems, etc.
- ◆ Bluetooth, Wi-Fi, WLAN etc.

产品型号
Product Identification

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

1	分类 Type	2	外形尺寸 (L×W) (mm) External Dimensions (L×W) (mm)	3	中心频率 Center Frequency
SLFD	双工器 LC Diplexer	15 [0402]	1.0×0.5	Example	NoMinal Value
		18 [0603]	1.6×0.8	2R450G	2450MHz
4	系列代号 Series Code	21 [0805]	2.0×1.2	5	包装 Packing
	01, 02, etc	22 [1008]	2.5×2.0	T	编带 Tape Carrier Package

外观尺寸

Shape and Dimensions

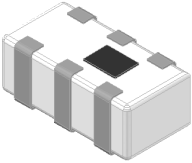
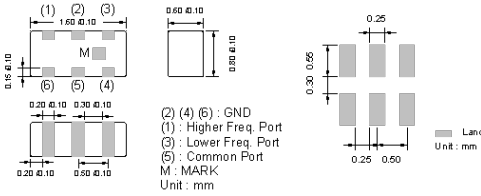
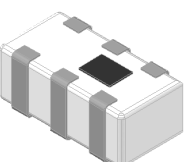
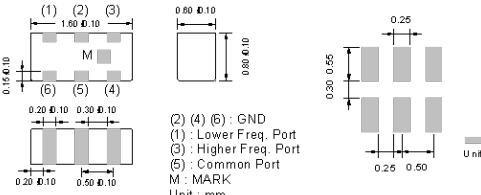
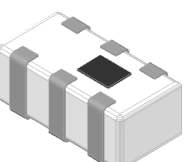
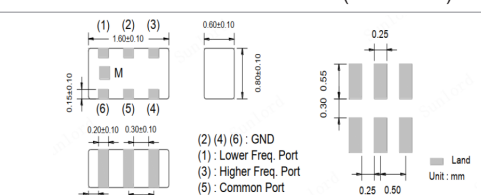
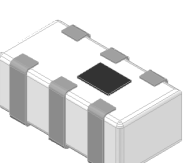
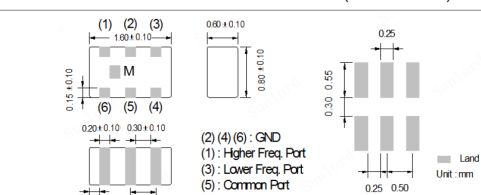
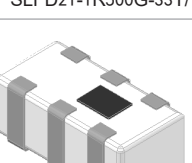
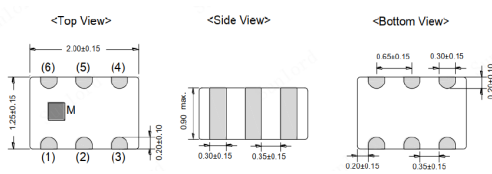
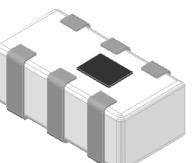
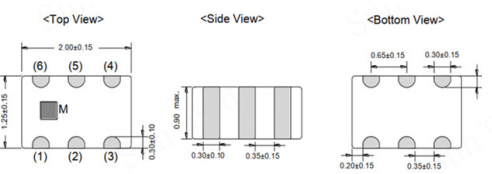
Type: SLFD15 Series	Dimensions and Land Patterns (As Reference)
	<Top View> 1.00±0.05 0.50±0.05 0.12±0.07 0.20±0.10 0.30±0.10 <Bottom View> 0.12±0.07 0.20±0.10 0.30±0.10 (1): Lower Freq. Port (2): Higher Freq. Port (3): Common Port (4): GND M: MARK Unit:mm <Side View> 0.37±0.05
SLFD15-5R950G-04T/14T/S06T	Dimensions and Land Patterns (As Reference)
	<Top View> 1.00±0.05 0.50±0.10 0.12±0.07 0.20±0.10 0.30±0.10 <Bottom View> 0.12±0.07 0.20±0.10 0.30±0.10 (1): GND (2): Common Port (3): Lower Freq. Port (4): Higher Freq. Port M: MARK Unit:mm <Side View> 0.40±0.10

外观尺寸 Shape and Dimensions

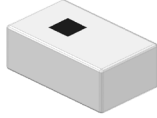
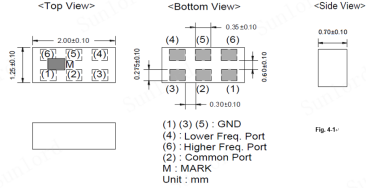
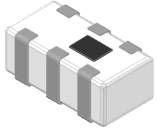
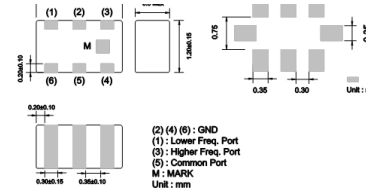
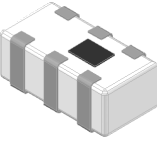
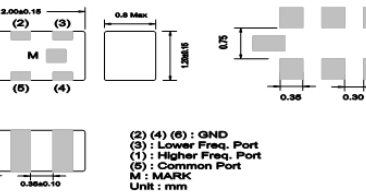
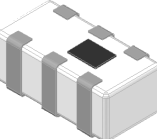
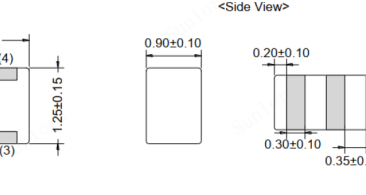
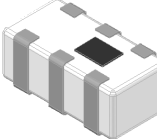
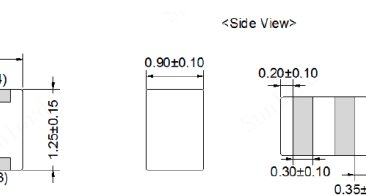
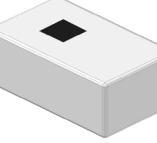
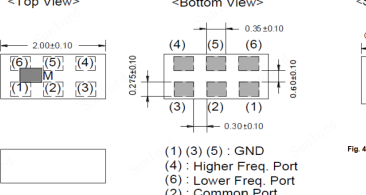
SLFD18-2R200G-01T/ SLFD18-5R950G-12T	Dimensions and Land Patterns (As Reference) <Top View> <Bottom View> <Side View> (1) (3) (5) : GND (4) : Lower Freq. Port (6) : Higher Freq. Port (2) : Common Port M : MARK Unit : mm
SLFD18-2R200G-02T/ SLFD18-3R000G-31T	Dimensions and Land Patterns (As Reference) <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
SLFD18-2R450G-22/24T/S34T	Dimensions and Land Patterns (As Reference) (1) (2) (3) (6) (5) (4) M : MARK Unit : mm (2) (4) (6) : GND (1) : Lower Freq. Port (3) : Higher Freq. Port (5) : Common Port M : MARK Unit : mm
SLFD18-2R450G-23/25T/S33T/ SLFD18-3R000G-32T/	Dimensions and Land Patterns (As Reference) (1) (2) (3) (6) (5) (4) M : MARK Unit : mm (2) (4) (6) : GND (1) : Higher Freq. Port (3) : Lower Freq. Port (5) : Common Port M : MARK Unit : mm
SLFD18-2R450G-26T	Dimensions and Land Patterns (As Reference) <Top View> <Side View> <Bottom View> (1) : GND (2) : High Band (3) : Common (4) : Low Band M : MARK Unit : mm
SLFD18-2R600G-01T/ SLFD18-5R950G-11T	Dimensions and Land Patterns (As Reference) <Top View> <Bottom View> <Side View> (1) (3) (5) : GND (6) : Lower Freq. Port (4) : Higher Freq. Port (2) : Common Port M : MARK Unit : mm

外观尺寸

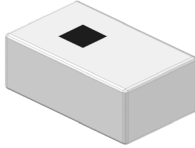
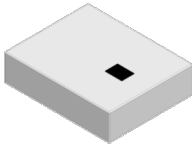
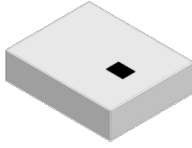
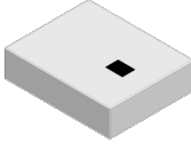
Shape and Dimensions

	SLFD18-5R950G-01/07/35/41T/67T Dimensions and Land Patterns (As Reference)  (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 (As Reference)  (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 (As Reference)  (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 (As Reference)  (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/ Dimensions and Land Patterns (As Reference)  (1) : GND (2) : Common (3) : GND (4) : High-band (5) : GND (6) : Low-band M : MARK Unit : mm
	SLFD21-1R400G-02T/ Dimensions and Land Patterns (As Reference)  (1) : GND (2) : Common (3) : GND (4) : Low-band (5) : GND (6) : High-band M : MARK Unit : mm

外观尺寸 Shape and Dimensions

SLFD21-1R400G-04/06/S42T/ SLFD21-4R500G-S26T/	Dimensions and Land Patterns (As Reference)   (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 (As Reference)   (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 (As Reference)   (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 (As Reference)   (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 (As Reference)   (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/ SLFD21-4R500G-31	Dimensions and Land Patterns (As Reference)   (1) (3) (5) : GND (4) : Higher Freq. Port (6) : Lower Freq. Port (2) : Common Port M : MARK Unit : mm

外观尺寸 Shape and Dimensions

SLFD21-5R950G-S51T	Dimensions and Land Patterns (As Reference)  <Top View> <Side View> <Bottom View> 2.00 ± 0.15 0.70 ± 0.10 0.25 ± 0.15 0.25 ± 0.15 0.25 ± 0.15 0.25 ± 0.15 (1) (2) (3) (4) (8) (7) (6) (5) (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 (As Reference)  <Top View> <Side View> <Bottom View> 2.00 ± 0.10 2.50 ± 0.10 0.90 ± 0.10 0.40 ± 0.10 0.55 ± 0.10 0.40 ± 0.10 0.30 ± 0.10 0.40 ± 0.10 (7) (6) (5) (8) (9) (4) (1) (2) (3) (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 (As Reference)  <Top View> <Side View> <Bottom View> MARK: L¹ W¹ T¹ A¹ B¹ C¹ D¹ E¹ F¹ Dimensions (mm): 2.50¹ 2.00¹ 0.90¹ 0.40¹ 0.40¹ 0.40¹ 0.30¹ 0.30¹ 0.55¹ Pin No.: (1)¹ (2)¹ (3)¹ (4)¹ (5)¹ (6)¹ (7)¹ (8)¹ (9)¹ Pin Defined: GND¹ Common Port¹ GND¹ GND¹ Free Port¹ GND¹ High Free Port¹ GND¹ GND¹ Symbol: M¹ Meaning: Mark¹
SLFD22-2R300G-T	Dimensions and Land Patterns (As Reference)  <Top View> <Side View> <Bottom View> MARK: L¹ W¹ T¹ A¹ B¹ C¹ D¹ E¹ F¹ Dimensions (mm): 2.50¹ 2.00¹ 0.80¹ 0.40¹ 0.525¹ 0.75¹ 0.40¹ 0.25¹ 0.10¹ (6) (5) (4) (1) (2) (3) (2): Common Port (4): Higher Freq. Port (6): Lower Freq. Port (1) (3) (5): GND M: MARK Unit: mm

规格特性 Specifications

SLFD15 TYPE

型号 Part Number	特性阻抗 Characteristic Impedance	频率范围 Frequency Range	频率 Frequency	插入损耗 Max. IL in BW (@25℃)	回损 Max. RL in BW (@25℃)	电压驻波比 Max. VSWR in BW (@25℃)	带外抑制 Min. Attenuation (@25℃)
单位 Units	Ω	-	MHz	dB	dB	-	dB
SLFD15-5R950G -01T	50	Low Band	2400~2500	0.5	15	-	16 dB Min.@4800~6000MHz
							15 dB Min.@7200~7500MHz
		High Band	5150~5950	1.5			27 dB Min.@700~2025MHz
							28 dB Min.@2400~2690MHz
							10 dB Min.@3500~3700MHz
							11 dB Min.@7250~7800MHz
20 dB Min.@10300~11700MHz							

规格特性 Specifications

SLFD15 TYPE

型号 Part Number	特性阻抗 Characteristic Impedance	频率范围 Frequency Range	频率 Frequency	插入损耗 Max. IL in BW (@25℃)	回损 Max. RL in BW (@25℃)	电压驻波比 Max. VSWR in BW (@25℃)	带外抑制 Min. Attenuation (@25℃)	
单位 Units	Ω	-	MHz	dB	dB	-	dB	
SLFD15-5R950G-03T	50	Low Band	2400~2500	0.45	15	-	18.0 dB Min.@4800~5000 MHz	
							20.0 dB Min.@7200~7500 MHz	
							30.0 dB Min.@1545~1610 MHz	
							25.0 dB Min.@2400~2500 MHz	
		High Band	5150~5950	0.8	10		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
								30.0 dB Min.@1545~1610 MHz
								25.0 dB Min.@2400~2500 MHz
		High Band	5150~5950	0.8			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
								20.0 dB Min.@7200~7500 MHz
								24.0 dB Min.@500~2400 MHz
		High Band	5150~7125	0.95			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				
						11.5 dB Min.@12490~14250 MHz		
						8.0 dB Min.@15510~21375 MHz		
SLFD15-5R950G-14T	50	Low Band	2400~2500	0.5	10	-	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
		High Band	5150~7125	0.95			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				
						11.5 dB Min.@12490~14250 MHz		
						11.5 dB Min.@12490~14250 MHz		
SLFD15-5R950G-S05T	50	Low Band	2400~2500	0.6	10	-	23 dB Min.@4800~6000 MHz	
								23 dB Min.@7200~7500 MHz
								25 dB Min.@30~2400 MHz
		High Band	4900~5950	1.0			27 dB Min.@2400~2500 MHz	
								23 dB Min.@2500~2690 MHz
								20 dB Min.@9800~11900 MHz
SLFD15-5R950G-S06T	50	Low Band	2400~2500	0.6	10	-	23 dB Min.@4800~6000 MHz	
								23 dB Min.@7200~7500 MHz
								25 dB Min.@30~2400 MHz
		High Band	4900~5950	1.0			27 dB Min.@2400~2500 MHz	
								23 dB Min.@2500~2690 MHz
								20 dB Min.@9800~11900 MHz

规格特性 Specifications

SLFD18 TYPE

型号 Part Number	特性阻抗 Characteristic Impedance	频率范围 Frequency Range	频率 Frequency	插入损耗 Max. IL in BW (@25℃)	回损 Max. RL in BW (@25℃)	电压驻波比 Max. VSWR in BW (@25℃)	带外抑制 Min. Attenuation (@25℃)	
单位 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 20 dB Min.@5150~5850MHz	
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 20 dB Min.@1572~1578 MHz 20 dB Min.@1570~1610 MHz	
SLFD18-2R450G-S34T	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 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	
							25 dB Min.@30~2100MHz	
							30 dB Min.@2400~2500MHz	
							12 dB Min.@8100~8900MHz	
	20 dB Min.@9800~11900MHz 15 dB Min.@14700~17850MHz							

规格特性 Specifications

SLFD18 TYPE

型号 Part Number	特性阻抗 Characteristic Impedance	频率范围 Frequency Range	频率 Frequency	插入损耗 Max. IL in BW (@25℃)	回损 Max. RL in BW (@25℃)	电压驻波比 Max. VSWR in BW (@25℃)	带外抑制 Min. Attenuation (@25℃)
单位 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			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			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

规格特性 Specifications

SLFD18 TYPE

型号 Part Number	特性阻抗 Characteristic Impedance	频率范围 Frequency Range	频率 Frequency	插入损耗 Max. IL in BW (@25°C)	回损 Max. RL in BW (@25°C)	电压驻波比 Max. VSWR in BW (@25°C)	带外抑制 Min. Attenuation (@25°C)
单位 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 28 dB Min.@30~2700MHz
		High Band	4900~6000	0.75			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 30 dB Min.@7200~7500MHz 27 dB Min.@1200~1500MHz 26 dB Min.@1600~2000MHz
		High Band	4900~6000	1			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 30 dB Min.@7200~7500MHz 27 dB Min.@1200~1500MHz 26 dB Min.@1600~2000MHz
		High Band	4900~6000	1			25 dB Min.@2300~3000MHz 15 dB Min.@98000~12000MHz 15 dB Min.@14700~18000MHz
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
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
							23 dB Min.@9600~10000MHz 22 dB Min.@12000~12500MHz

规格特性 Specifications

SLFD18 TYPE

型号 Part Number	特性阻抗 Characteristic Impedance	频率范围 Frequency Range	频率 Frequency	插入损耗 Max. IL in BW (@25℃)	回损 Max. RL in BW (@25℃)	电压驻波比 Max. VSWR in BW (@25℃)	带外抑制 Min. Attenuation (@25℃)
单位 Units	Ω	-	MHz	dB	dB	-	dB
SLFD18-5R950G -S74T	50	High Band	5170~7125	0.90 dB Max. @5150~5925 MHz	12	-	25 dB Min.@617~960MHz
				0.75 dB Max. @5925~7125 MHz			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
							23 dB Min.@7200~7500MHz
		High Band	5170~7125	0.90 dB Max. @5150~5925 MHz			23 dB Min.@9600~10000MHz
				0.75 dB Max. @5925~7125 MHz			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.@10300~14250MHz
							15 dB Min.@15450~21375MHz

SLFD21 TYPE

型号 Part Number	特性阻抗 Characteristic Impedance	频率范围 Frequency Range	频率 Frequency	插入损耗 Max. IL in BW (@25℃)	回损 Max. RL in BW (@25℃)	电压驻波比 Max. VSWR in BW (@25℃)	带外抑制 Min. Attenuation (@25℃)
单位 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
		High Band	1427~2690	0.75			22 dB Min.@1427~1710 MHz
SLFD21-1R400G -03T	50	Low Band	570~960	0.75	-	2	25 dB Min.@2025~2690 MHz
		High Band	1427~2690	0.85			20 dB Min.@698~915 MHz
SLFD21-1R400G -04T	50	Low Band	570~960	0.75	-	2	17 dB Min.@915~960 MHz
		High Band	1427~2690	0.85			20 dB Min.@1427~2700MHz
SLFD21-1R400G -S41T	50	Low Band	650~960	0.48	15	-	20 dB Min.@570~960MHz
		High Band	1427~2750		10		11 dB Min.@1427~2750 MHz
SLFD21-1R400G -S42T	50	Low Band	650~960	0.48	15	-	11 dB Min.@650~960 MHz
		High Band	1427~2750		10		11 dB Min.@1427~2750 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
		High Band	1710~2700	0.6			30 dB Min.@2170~2400MHz
							32 dB Min.@2400~2700MHz
							25 dB Min.@698~960MHz

规格特性 Specifications

SLFD21 TYPE

型号 Part Number	特性阻抗 Characteristic Impedance	频率范围 Frequency Range	频率 Frequency	插入损耗 Max. IL in BW (@25°C)	回损 Max. RL in BW (@25°C)	电压驻波比 Max. VSWR in BW (@25°C)	带外抑制 Min. Attenuation (@25°C)
单位 Units	Ω	-	MHz	dB	dB	-	dB
SLFD21-2R200G-04T	50	Low Band	698~746	0.4	-	2	30 dB Min. @1710~2170MHz
				0.5			30 dB Min. @2170~2400MHz
		High Band	1710~2700	0.6			32 dB Min. @2400~2700MHz
							25 dB Min. @698~960MHz
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			
							14 dB Min. @2496~2690MHz
		High Band	2496~4200	1.35 dB @2496-2515MHz		2 Max. @2496~2690 MHz	25 dB Min. @4900~5900MHz
				1.2 dB @2515-2675MHz			
				0.9 dB @2675-2690MHz		2.33 Max. @3300~4200 MHz	20 dB Min. @698~960MHz
				1.1 dB @3300~4200MHz			
SLFD21-2R690G-02T	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			
							14 dB Min. @2496~2690MHz
		High Band	2496~4200	1.35 dB @2496-2515MHz		2 Max. @2496~2690 MHz	25 dB Min. @4900~5900MHz
				1.2 dB @2515-2675MHz			
				0.9 dB @2675-2690MHz		2.33 Max. @3300~4200 MHz	20 dB Min. @698~960MHz
				1.1 dB @3300~4200MHz			
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			
				1.3dB Max. @3300~3400MHz			
							30 dB Min. @617-960MHz
							30 dB Min. @1427-1511MHz
		High Band	3300~5925	1dB Max. @3400~3800MHz			25dB Min. @1710-2170MHz
							22 dB Min. @2170~2690MHz
							15dB Min. @10300~11850MHz
							10dB Min. @15450~17775MHz

规格特性 Specifications

SLFD21 TYPE

型号 Part Number	特性阻抗 Characteristic Impedance	频率范围 Frequency Range	频率 Frequency	插入损耗 Max. IL in BW (@25℃)	回损 Max. RL in BW (@25℃)	电压驻波比 Max. VSWR in BW (@25℃)	带外抑制 Min. Attenuation (@25℃)	
单位 Units	Ω	-	MHz	dB	dB	-	dB	
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				
				0.75 dB Max. @2300~2496 MHz				
				0.90 dB Max. @2496~2690 MHz				
		High Band	3300~5925	1.30 dB Max. @3300~3400 MHz			23 dB Min. @3400~3800MHz	
				1.00 dB Max. @3400~3800 MHz			30 dB Min. @5150~5925MHz	
							30 dB Min. @617~960MHz	
							30 dB Min. @1427~1511MHz	
				25 dB Min. @1710~2170MHz				
SLFD21-4R000G-S01T	50	Low Band	3300~3800	0.95	10	-	15 dB Min. @4400~5000MHz	
				15 dB Min. @5150~5925MHz				
		High Band	4400~5925	0.95 dB Max. @4400~4900 MHz			14 dB Min. @3300~3400MHz	
				0.55 dB Max. @4900~5000 MHz			15 dB Min. @3400~3800MHz	
SLFD21-4R500G-S26T	50	Low Band	600~4200 MHz	0.6 dB Max.@600~3300 MHz	10	-	20 dB Min.@5150~7125 MHz	
				0.8 dB Max.@3300~3800 MHz			20 dB Min.@600~3300 MHz	
				1.1 dB Max.@3800~4200 MHz				
		High Band	5150~7125 MHz	1.1 dB Max.@5150~5925 MH			20 dB Min.@3300~4200 MHz	
				0.8 dB Max.@5950~7125 MHz			20 dB Min.@10300~14250 MHz	
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			20 dB Min. @3400~3800MHz	
		High Band	5150~5850	1.05			7 dB Min. @3800~4200MHz	
							20 dB Min. @10300~11700MHz	
SLFD21-5R950G-01T	50	Low Band	2400~2500	0.45	15	-	23dB Min. @4800~5000MHz	
				20dB Min. @7200~7500MHz				
		High Band	4900~5950	0.5	12		25dB Min. @2400~2500MHz	
							20dB Min. @10300~11700MHz	

规格特性 Specifications

SLFD21 TYPE

型号 Part Number	特性阻抗 Characteristic Impedance	频率范围 Frequency Range	频率 Frequency	插入损耗 Max. IL in BW (@25℃)	回损 Max. RL in BW (@25℃)	电压驻波比 Max. VSWR in BW (@25℃)	带外抑制 Min. Attenuation (@25℃)
单位 Units	Ω	-	MHz	dB	dB	-	dB
SLFD21-5R950G -12T	50	Low Band	2400~2500	0.45	15	-	23dB Min. @4800~5000MHz
							23dB Min. @4800~5000MHz
		High Band	5100~5850	0.5	12		25dB Min. @2400~2500MHz
							20dB Min. @10300~11700MHz
SLFD21-5R950G -S51T	50	Low Band	2400~2500	1.5	10	-	27 dB Min. @4800~5000MHz
							23 dB Min. @5000~5950MHz
				2.2			20 dB Min. @7200~7500MHz
							21 dB Min. @4800~5000MHz
		High Band	4900~5950	1.3			20 dB Min. @5000~5950MHz
							20 dB Min. @7200~7500MHz
							20 dB Min. @2400~2500MHz
							6 dB Min. @8100~8800MHz
							12 dB Min. @8820~9800MHz
							23 dB Min. @9800~11900MHz

SLFD22 TYPE

型号 Part Number	特性阻抗 Characteristic Impedance	频率范围 Frequency Range	频率 Frequency	插入损耗 Max. IL in BW (@25℃)	回损 Max. RL in BW (@25℃)	电压驻波比 Max. VSWR in BW (@25℃)	带外抑制 Min. Attenuation (@25℃)
单位 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			

规格特性 Specifications

SLFD22 TYPE

型号 Part Number	特性阻抗 Characteristic Impedance	频率范围 Frequency Range	频率 Frequency	插入损耗 Max. IL in BW (@25℃)	回损 Max. RL in BW (@25℃)	电压驻波比 Max. VSWR in BW (@25℃)	带外抑制 Min. Attenuation (@25℃)					
单位 Units	Ω	-	MHz	dB	dB	-	dB					
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					
				1.50 dB Max. @1452~1496MHz			15 dB Min. @1880~2025MHz					
						15 dB Min. @1452~1511MHz	15 dB Min. @2110~2200MHz					
						15 dB Min. @1710~1785MHz	15 dB Min. @2300~2400MHz					
				15 dB Min. @1805~1880MHz		20 dB Min. @2496~2690MHz						
		High Band	1710~3800	15 dB Min. @1880~2025MHz		20 dB Min. @3400~3800MHz						
				15 dB Min. @2110~2200MHz		15 dB Min. @3800~5950MHz						
						15 dB Min. @2300~2400MHz	15 dB Min. @698~960MHz					
								20 dB Min. @2496~2690MHz	15 dB Min. @1452~1511MHz			
				20 dB Min. @3400~3800MHz		10 dB Min. @4900~5950MHz						
				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										
	15 dB Min. @3300~3400MHz	20 dB Min. @5150~5950MHz										
High Band	3300~5950	1.10 dB Max. @3300~3400MHz	20 dB Min. @3400~3800MHz		20 dB Min. @617~960MHz							
		0.90 dB Max. @3400~4200MHz	20 dB Min. @3800~4200MHz		18 dB Min. @1427~1661MHz							
		0.80 dB Max. @4400~5000MHz	20 dB Min. @4400~500MHz		18 dB Min. @1710~2200MHz							
			0.80 dB Max. @5150~5950MHz		20 dB Min. @5150~5950MHz		18 dB Min. @2300~2690MHz					
		SLFD22-3R000G -32T			50		Low Band	617~2690	0.40 dB Max. @617~960MHz		0.5	20 dB Min. @617~960 MHz
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									

规格特性 Specifications

SLFD22 TYPE

型号 Part Number	特性阻抗 Characteristic Impedance	频率范围 Frequency Range	频率 Frequency	插入损耗 Max. IL in BW (@25°C)	回损 Max. RL in BW (@25°C)	电压驻波比 Max. VSWR in BW (@25°C)	带外抑制 Min. Attenuation (@25°C)
单位 Units	Ω	-	MHz	dB	dB	-	dB
SLFD22-3R000G-32T	50	High Band	3300~5950	1.10 dB Max. @3300~3400MHz	0.5	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
				0.80 dB Max. @5150~5950MHz		20 dB Min. @4400~5000MHz 20 dB Min. @5150~5950MHz	20 dB Min. @10300~11700MHz 15 dB Min. @15450~17550 MHz
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			20 dB Min @6600~8400MHz
				0.80 dB Max. @3300~3800MHz		18 dB Min. @2300~2690MHz	
				0.90 dB Max. @3800~4200MHz		18 dB Min. @3300~3400MHz	20 dB Min @9900~12800MHz
	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	18 dB Min. @3800~4200MHz
							6 dB Min. @6900~7100MHz
							15 dB Min. @7200~7800MHz
							15 dB Min. @7800~9800MHz
						18 dB Min. @3800~4200MHz	15 dB Min. @9800~11700MHz
				1.40 dB Max. @5730~5925MHz		18 dB Min. @5150~5925MHz	11 dB Min. @14700~17850MHz

Multilayer Chip
LC Filter

Multilayer Chip
Balun

Multilayer Chip
Diplexer

Multilayer Chip
Triplexer

Multilayer Chip LC
Coupler

Multilayer Chip
Antenna

Wire Wound Chip
Balun Transformer

Ceramic Dielectric
Filter