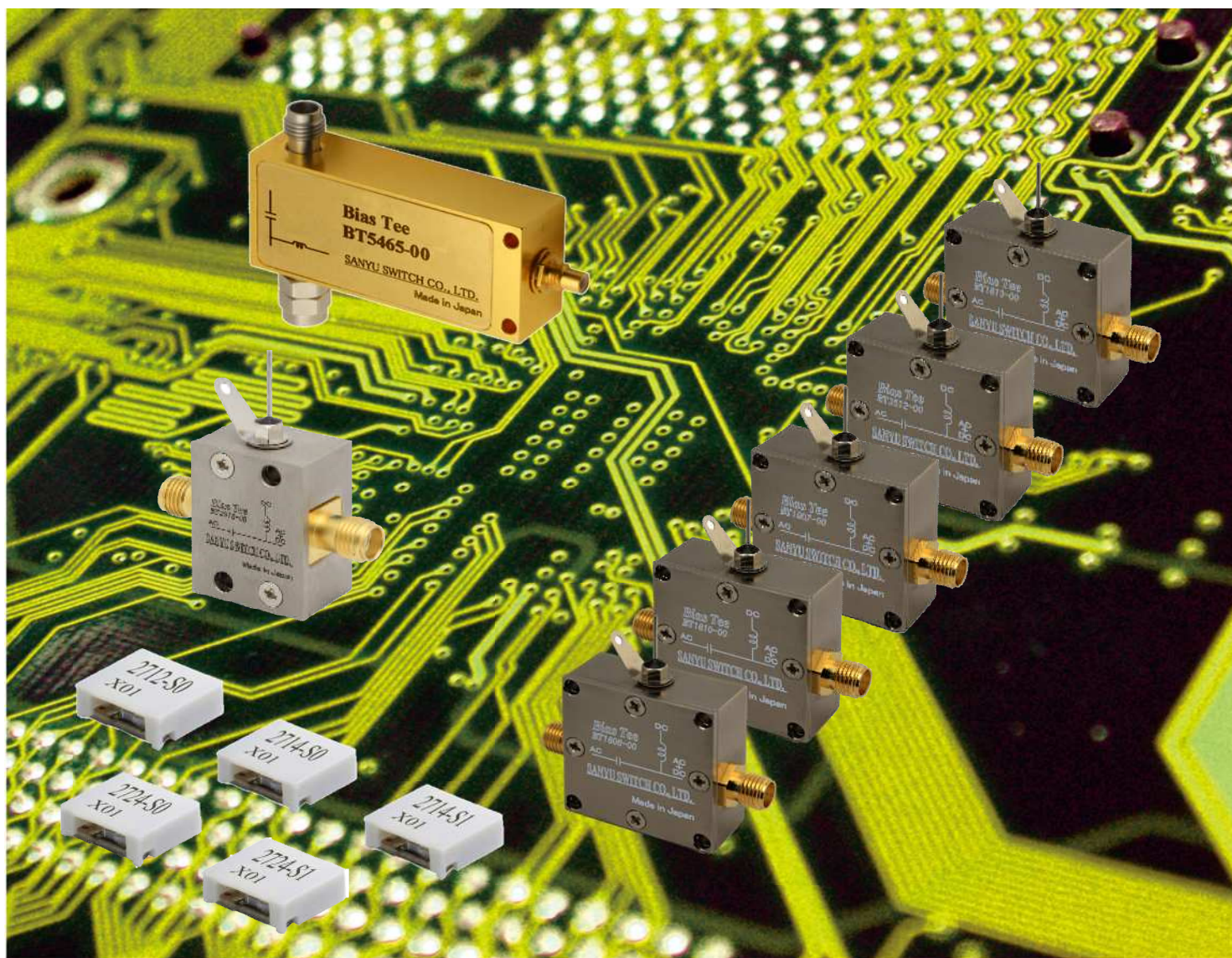


Bias Tee and Coaxial Probe





サンユー工業株式会社



- Greeting

代表あいさつ

社員に愛され、社会に愛される会社、そして100年企業へ。

21世紀に入りVUCAの時代と言われるようになりましたが、そのような時代背景の中、弊社は2022年に創業50年を迎えました。高度成長期にリードリレーで創業し経営基盤を築いてきましたが、次の50年を見据えてリードリレーで培ってきた技術力を半導体や電子部品の特性検査で欠かせない接触子技術に展開して、高周波から大電力まで様々な測定検査におけるトータルソリューションを提案することに力を入れて取り組んでいます。

サンユー工業株式会社では3Uをロゴとして使用していますが、これは Upgrade・Unique・Universalを表現しています。今より高みを目指した(Upgrade)システムで、優れた唯一の(Unique)コンセプトを取り入れ、世界中のお客様へ(Universal)サービスを提供いたします。また、小型化・省電力化・長寿命化などデバイス・ソリューションの視点で地球環境やエネルギーの課題解決にも貢献していきます。企業価値の向上に加え、社会価値の創造に取り組んでいきます。

代表取締役社長 清水 秀俊

サンユーグループは、製品をお使い頂く、お客様の安心と満足を保証します。



9001:2015
登録番号(JQA-1745)

目 次

Bias Tee Surface Mount

BT2712-S0 (New) -----	1
BT2714-S0 (New) -----	2
BT2714-S1 (New) -----	3
BT2724-S0 (New) -----	4
BT2724-S1 (New) -----	5
BT2730-S1 -----	6
BT5524-S1 -----	7

Bias Tee Connectorized

BT5465-00 -----	8
BT2918-00 -----	9
BT1907-00 -----	10
BT1806-00 -----	11
BT1810-00 -----	12
BT1813-00 -----	13
BT3512-00 -----	14

目 次

Coaxial Probe

CP-156	-----	15
CP-120	-----	16
CP-075	-----	17
CP-075-M075	-----	18
CP-075-M100	-----	19
CP-120-M100	-----	20
CP-120-M128	-----	21
CP-120-M175	-----	22
CP-120-M256	-----	23

BT2712-S0



Features

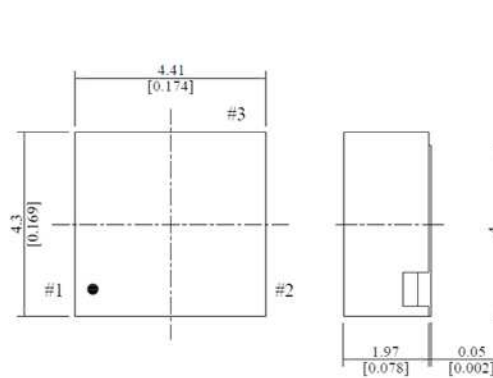
- Impedance: 50 Ω
- Broadband frequency: 20 MHz to 12 GHz
- Operating temperature: -40°C to +85°C
- Reflow temperature: 260°C max for 60 sec



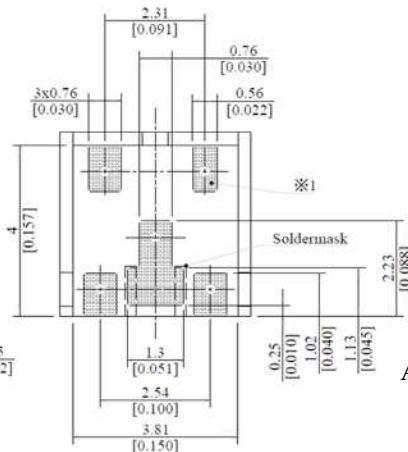
Electrical specifications

Parameter	Unit	Min	Typ	Max	Port	Note
Upper 1 dB frequency	GHz	12			AC to AC+DC	
Lower 1 dB frequency	MHz			20	AC to AC+DC	
Insertion loss	dB		1		AC to AC+DC	
DC voltage	V			30	DC	
DC current	A			0.2	DC to AC+DC	
DC resistance	Ω		0.9		DC to AC+DC	

Dimension mm [inch]

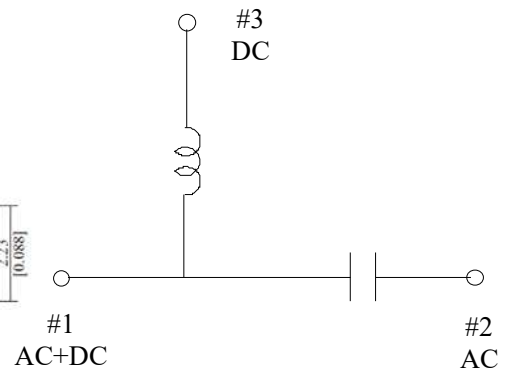


※1: Hatching areas are covered up by gold plating.

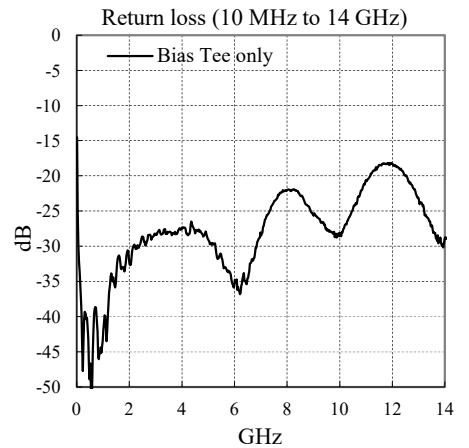
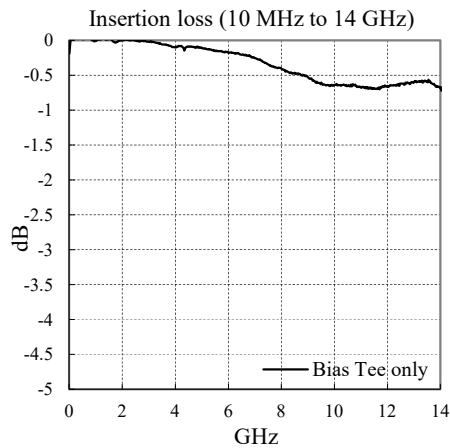
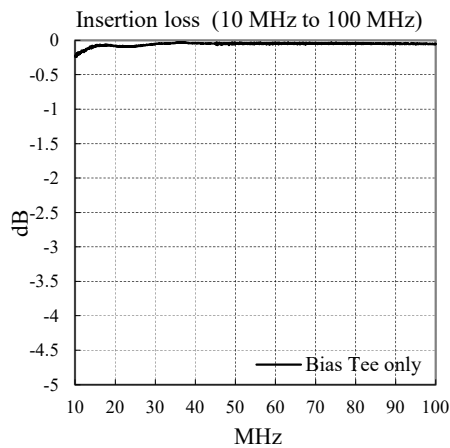


Projection	Tolerance
	+/- 0.15

Schematic



S-parameter



BT2714-S0



Features

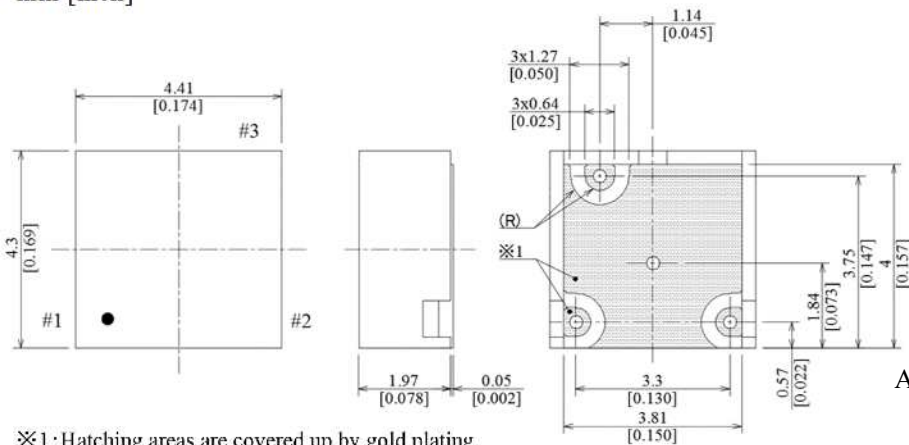
- Impedance: 50 Ω
- Broadband frequency: 20 MHz to 14 GHz
- Operating temperature: -40°C to +85°C
- Reflow temperature: 260°C max for 60 sec



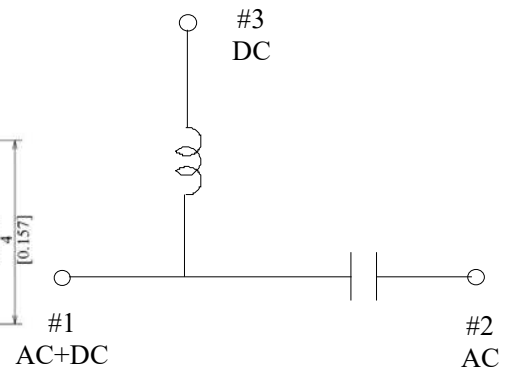
Electrical specifications

Parameter	Unit	Min	Typ	Max	Port	Note
Upper 2 dB frequency	GHz	14			AC to AC+DC	
Lower 2 dB frequency	MHz			20	AC to AC+DC	
Insertion loss	dB		1		AC to AC+DC	
DC voltage	V			30	DC	
DC current	A			0.2	DC to AC+DC	
DC resistance	Ω		0.9		DC to AC+DC	

Dimension mm [inch]



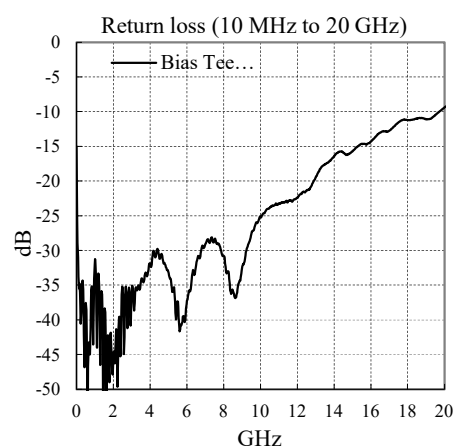
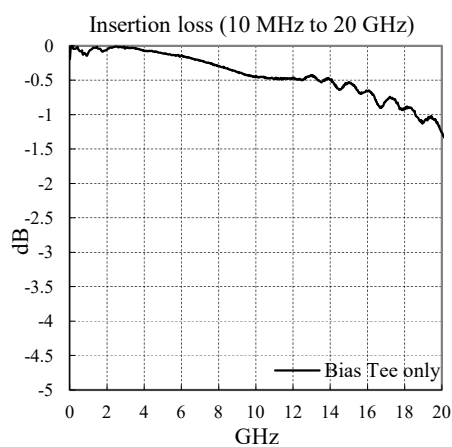
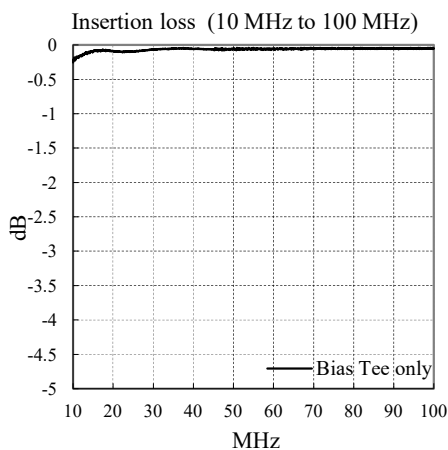
Schematic



※1: Hatching areas are covered up by gold plating.

Projection	Tolerance
	+/- 0.15

S-parameter



BT2714-S1



Features

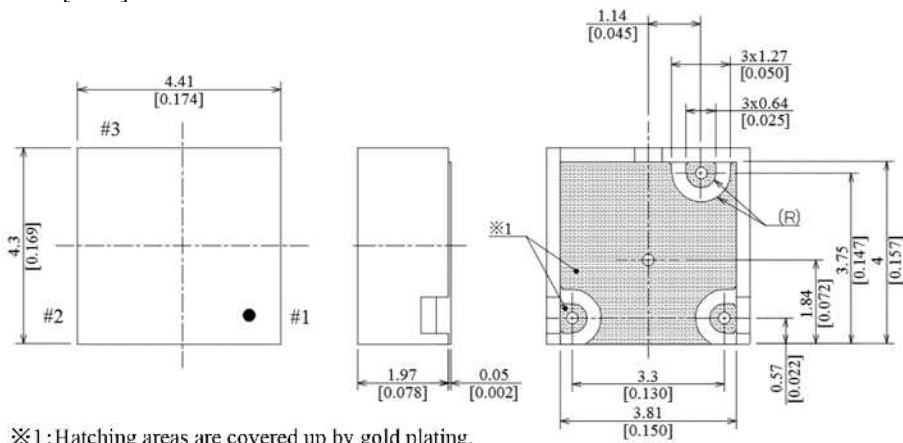
- Impedance: 50 Ω
- Broadband frequency: 20 MHz to 14 GHz
- Operating temperature: -40°C to +85°C
- Reflow temperature: 260°C max for 60 sec



Electrical specifications

Parameter	Unit	Min	Typ	Max	Port	Note
Upper 2 dB frequency	GHz	14			AC to AC+DC	
Lower 2 dB frequency	MHz			20	AC to AC+DC	
Insertion loss	dB		1		AC to AC+DC	
DC voltage	V			30	DC	
DC current	A			0.2	DC to AC+DC	
DC resistance	Ω		0.9		DC to AC+DC	

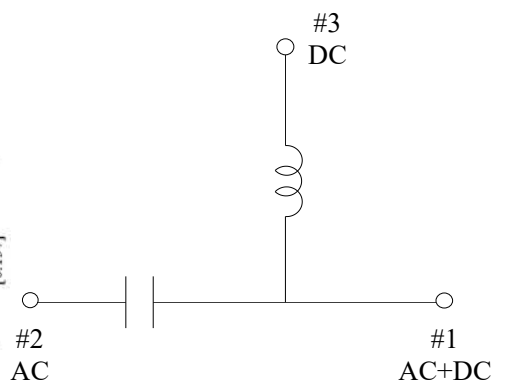
Dimension mm [inch]



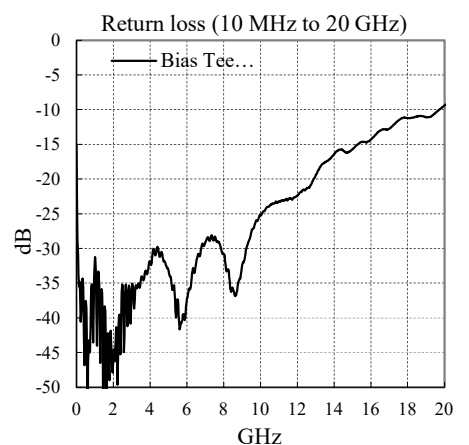
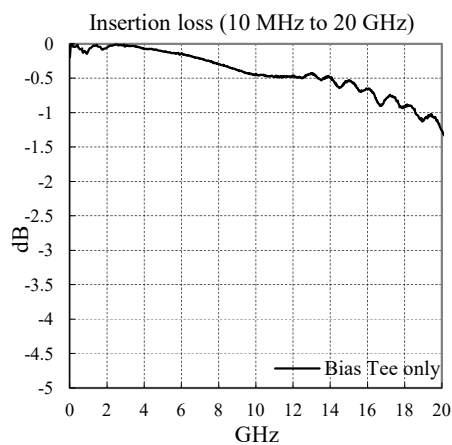
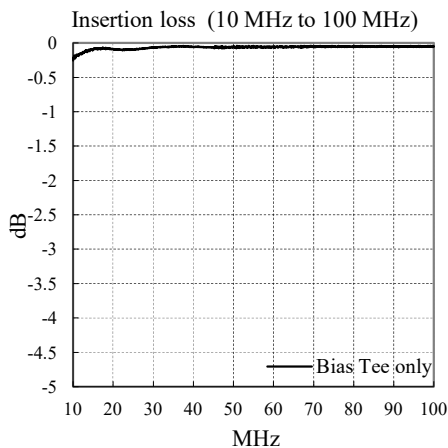
※1: Hatching areas are covered up by gold plating.

Projection	Tolerance
	+/- 0.15

Schematic



S-parameter



BT2724-S0



Features

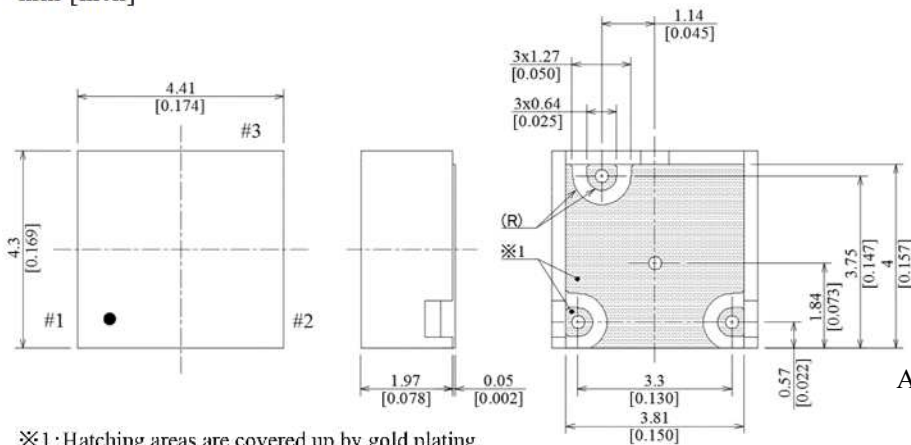
- Impedance: 50 Ω
- Broadband frequency: 20 MHz to 24 GHz
- Operating temperature: -40°C to +85°C
- Reflow temperature: 260°C max for 60 sec



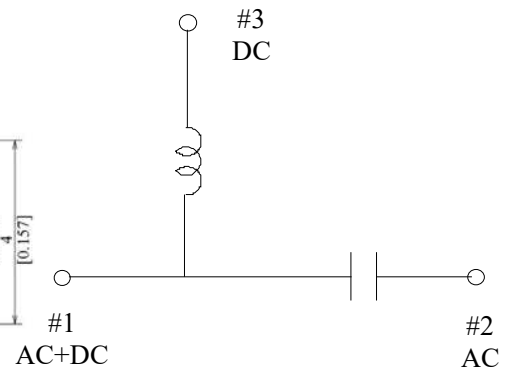
Electrical specifications

Parameter	Unit	Min	Typ	Max	Port	Note
Upper 2 dB frequency	GHz	24			AC to AC+DC	
Lower 2 dB frequency	MHz			20	AC to AC+DC	
Insertion loss	dB		2		AC to AC+DC	
DC voltage	V			30	DC	
DC current	A			0.2	DC to AC+DC	
DC resistance	Ω		0.8		DC to AC+DC	

Dimension mm [inch]



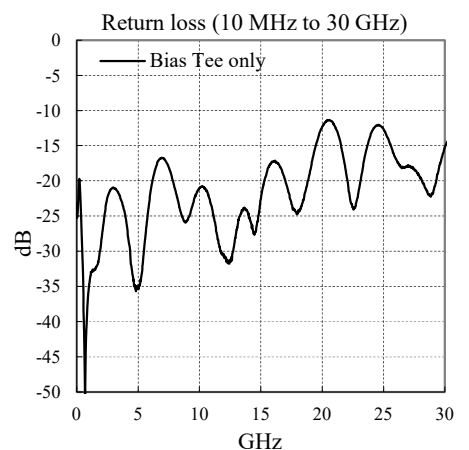
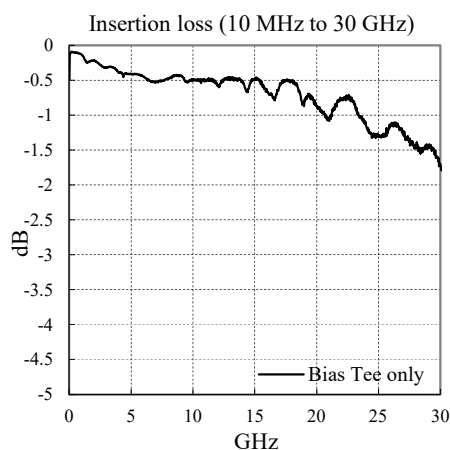
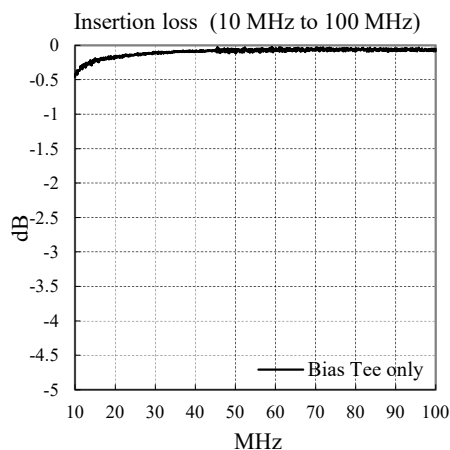
Schematic



※1: Hatching areas are covered up by gold plating.

Projection	Tolerance
	+/- 0.15

S-parameter



BT2724-S1



Features

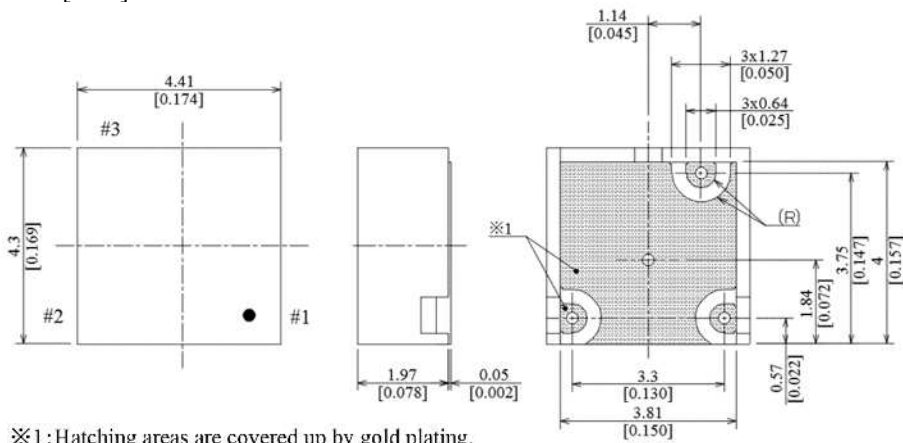
- Impedance: 50 Ω
- Broadband frequency: 20 MHz to 24 GHz
- Operating temperature: -40°C to +85°C
- Reflow temperature: 260°C max for 60 sec



Electrical specifications

Parameter	Unit	Min	Typ	Max	Port	Note
Upper 2 dB frequency	GHz	24			AC to AC+DC	
Lower 2 dB frequency	MHz			20	AC to AC+DC	
Insertion loss	dB		2		AC to AC+DC	
DC voltage	V			30	DC	
DC current	A			0.2	DC to AC+DC	
DC resistance	Ω		0.8		DC to AC+DC	

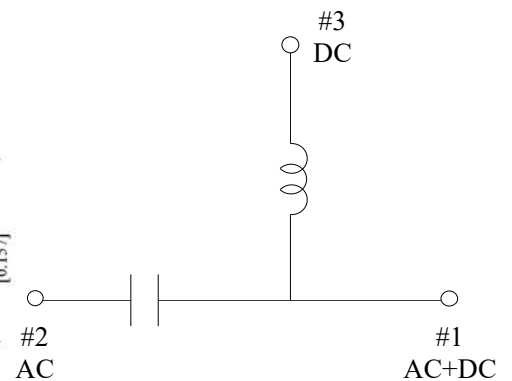
Dimension mm [inch]



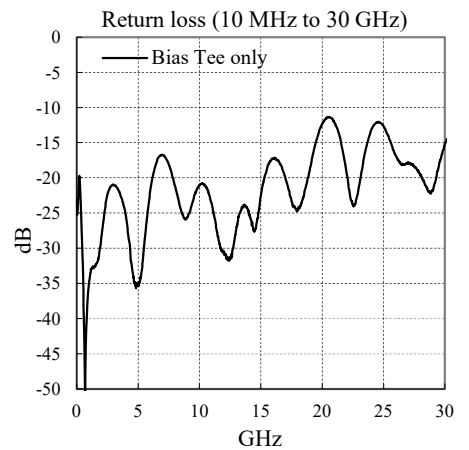
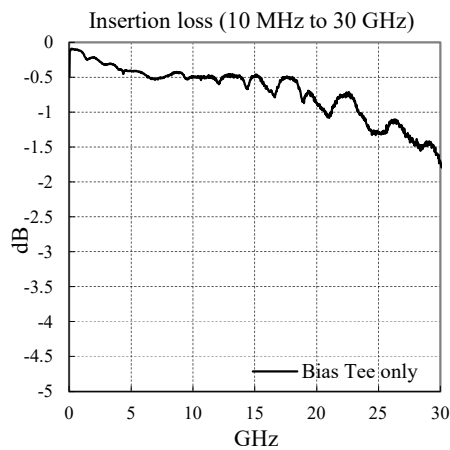
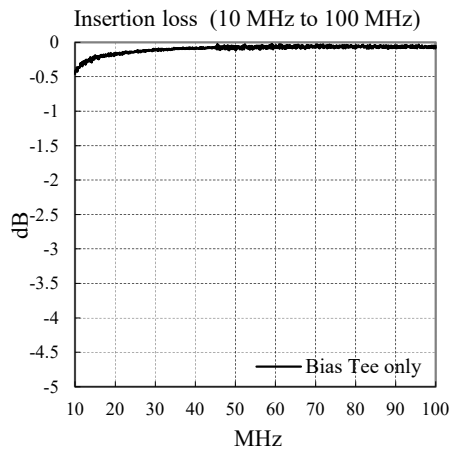
※1: Hatching areas are covered up by gold plating.

Projection	Tolerance
	±0.15
	±0.15

Schematic



S-parameter



BT2730-S1



Features

- Impedance: 50 Ω
- Broadband frequency: 20 MHz to 30 GHz
- Operating temperature: -40°C to +85°C
- Reflow temperature: 260°C max for 60 sec

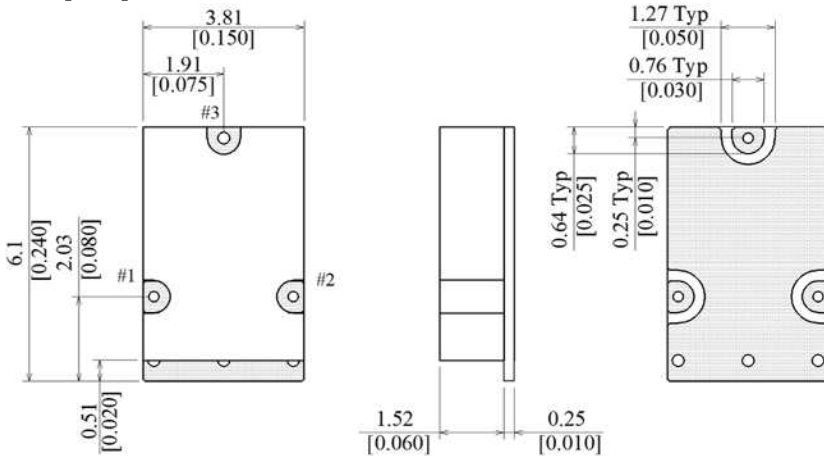


Electrical specifications

Parameter	Unit	Min	Typ	Max	Port	Note
Upper 3 dB frequency	GHz	30			AC to AC+DC	
Lower 3 dB frequency	MHz			20	AC to AC+DC	
Insertion loss	dB			3	AC to AC+DC	
DC voltage	V			30	DC	
DC current	A			0.5	DC to AC+DC	
DC resistance	Ω		1.5		DC to AC+DC	

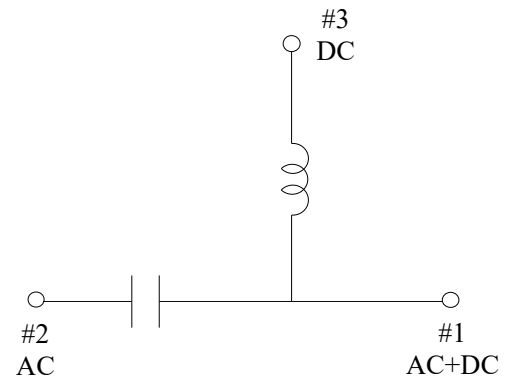
Dimension

mm [inch]

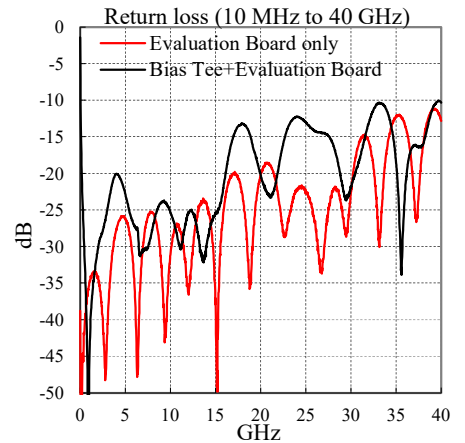
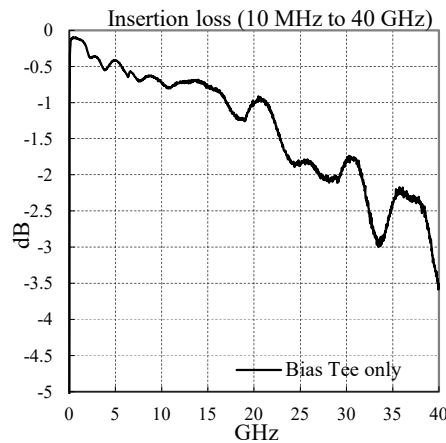
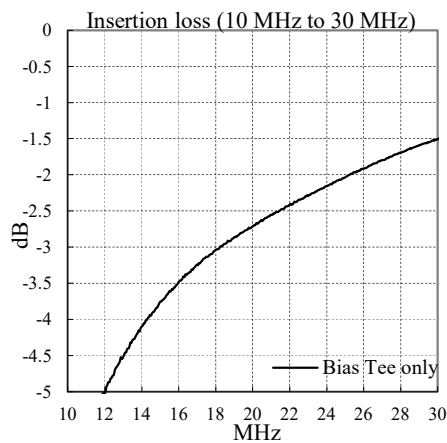


Projection	Tolerance
	+/- 0.15

Schematic



S-parameter



BT5524-S1



Features

- Impedance: 50 Ω
- Broadband frequency: 500 kHz to 24 GHz
- Operating temperature: -40°C to +85°C
- Reflow temperature: 260°C max for 60 sec

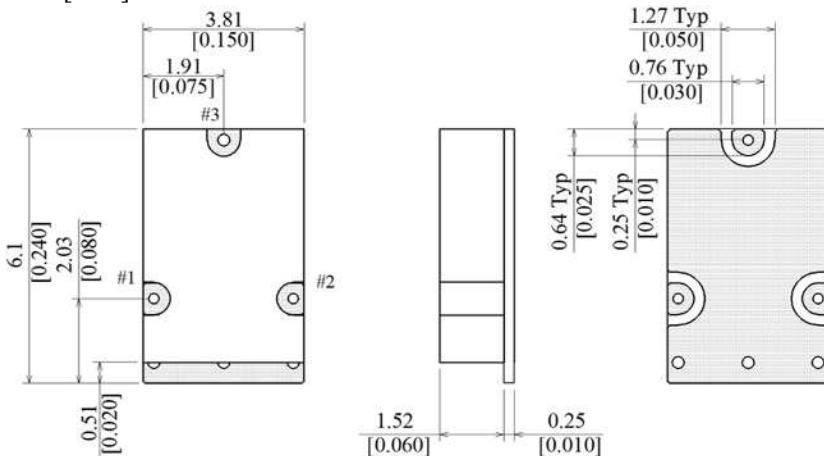


Electrical specifications

Parameter	Unit	Min	Typ	Max	Port	Note
Upper 3 dB frequency	GHz	24			AC to AC+DC	
Lower 3 dB frequency	kHz			500	AC to AC+DC	
Insertion loss	dB			3	AC to AC+DC	
DC voltage	V			30	DC	
DC current	A			0.5	DC to AC+DC	
DC resistance	Ω		1.5		DC to AC+DC	

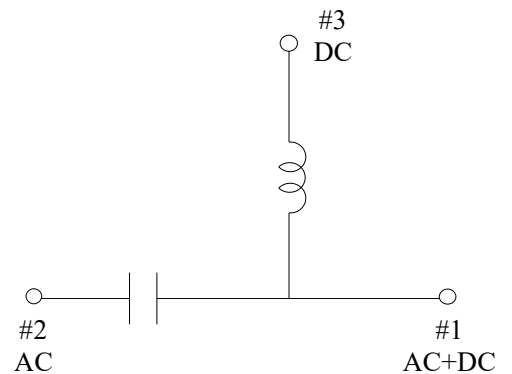
Dimension

mm [inch]

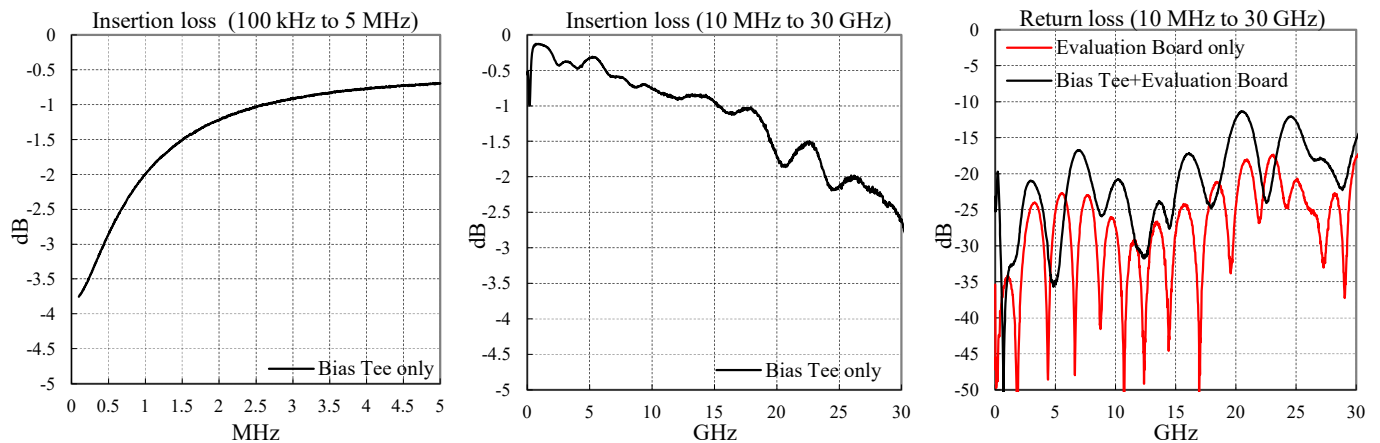


Projection	Tolerance
	+/- 0.15

Schematic



S-parameter





BT5465-00

Features

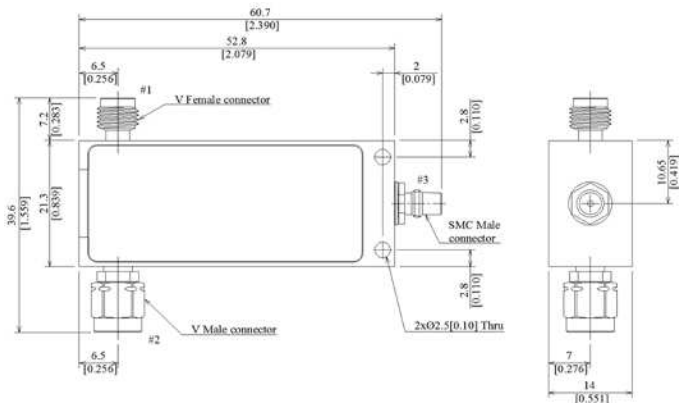
- Impedance: 50 Ω
- Broadband frequency: 50 kHz to 65 GHz
- Operating temperature: 0°C to +80°C



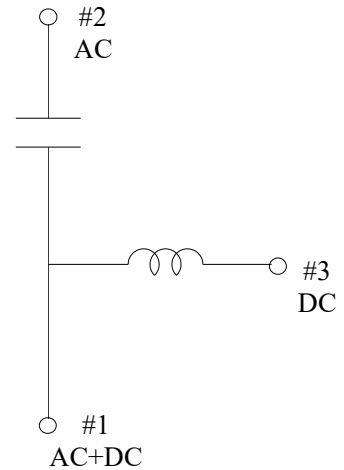
Electrical specifications

Parameter	Unit	Min	Typ	Max	Port	Note
Upper 3 dB frequency	GHz	65			AC to AC+DC	
Lower 3 dB frequency	kHz			50	AC to AC+DC	
Insertion loss	dB			3	AC to AC+DC	
DC voltage	V			16	DC	
DC current	A			0.4	DC to AC+DC	
DC resistance	Ω		7		DC to AC+DC	
RF power	W			1	AC to AC+DC	

Dimension mm [inch]

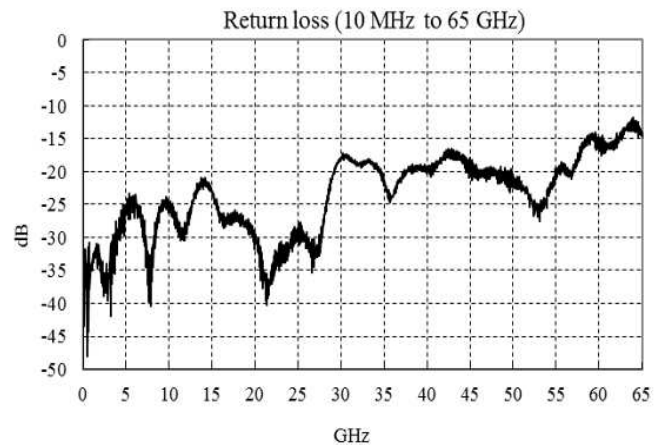
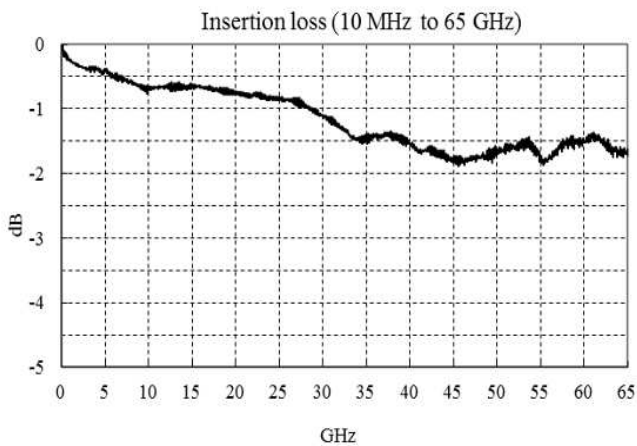


Schematic



Projection	Tolerance
	+/- 0.15

S-parameter



BT2918-00



Features

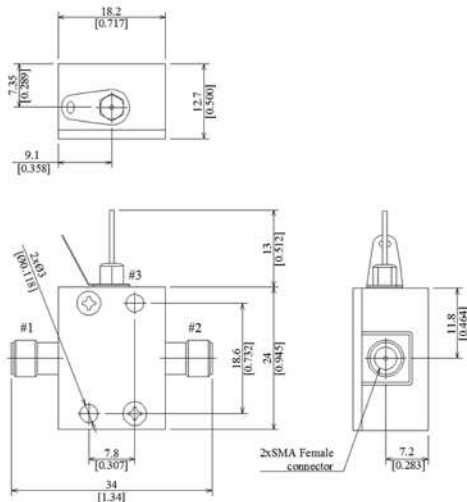
- Impedance: 50 Ω
- Broadband frequency: 2 GHz to 18 GHz
- Operating temperature: 0°C to +80°C



Electrical specifications

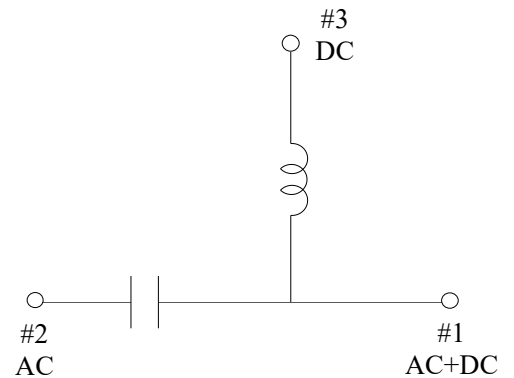
Parameter	Unit	Min	Typ	Max	Port	Note
Upper 2 dB frequency	GHz	18			AC to AC+DC	
Lower 2 dB frequency	GHz			2	AC to AC+DC	
Insertion loss	dB		2		AC to AC+DC	
DC voltage	V			100	DC	
DC current	A			6	DC to AC+DC	
DC resistance	Ω		1		DC to AC+DC	
RF power	W			3	AC to AC+DC	@2.5GHz

Dimension mm [inch]

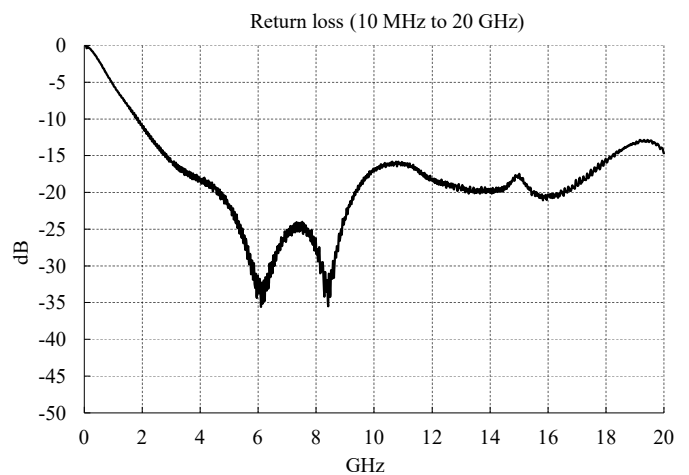
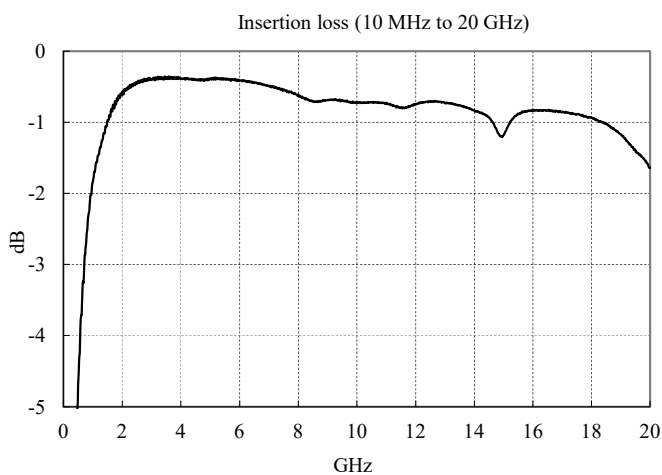


Projection	Tolerance
	+/- 0.15

Schematic



S-parameter



BT1907-00



Features

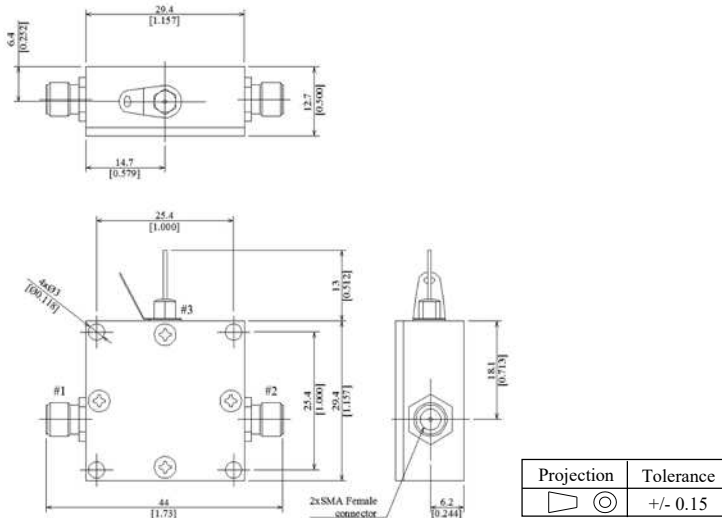
- Impedance: 50 Ω
- Broadband frequency: 1 GHz to 7 GHz
- Operating temperature: 0°C to +80°C



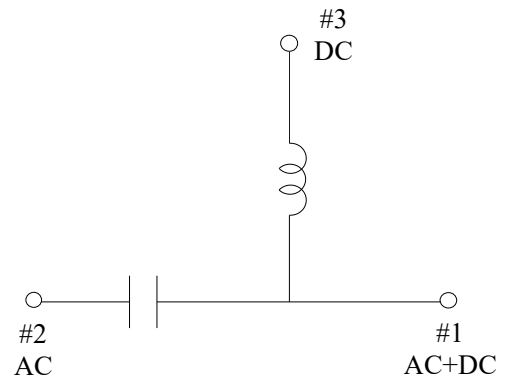
Electrical specifications

Parameter	Unit	Min	Typ	Max	Port	Note
Upper 1 dB frequency	GHz	7			AC to AC+DC	
Lower 1 dB frequency	GHz			1	AC to AC+DC	
Insertion loss	dB		1		AC to AC+DC	
DC voltage	V			50	DC	
DC current	A			7	DC to AC+DC	
DC resistance	Ω		1		DC to AC+DC	
RF power	W			10	AC to AC+DC	@2.5GHz

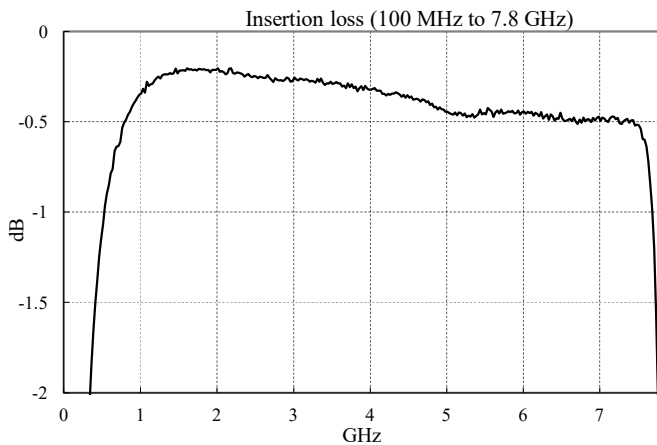
Dimension mm [inch]



Schematic



S-parameter



BT1806-00



Features

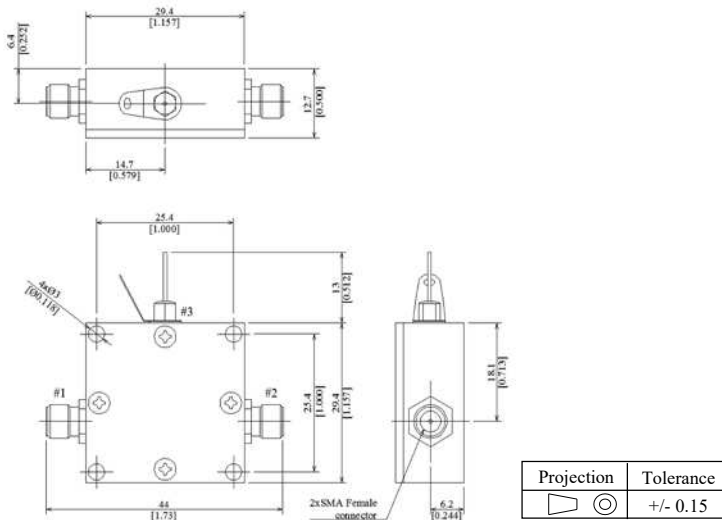
- Impedance: 50 Ω
- Broadband frequency: 100 MHz to 6 GHz
- Operating temperature: 0°C to +80°C



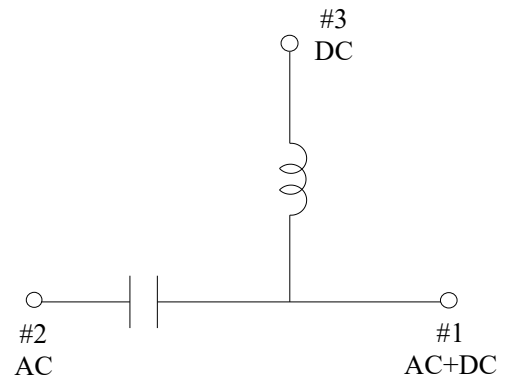
Electrical specifications

Parameter	Unit	Min	Typ	Max	Port	Note
Upper 2 dB frequency	GHz	6			AC to AC+DC	
Lower 2 dB frequency	MHz			100	AC to AC+DC	
Insertion loss	dB		2		AC to AC+DC	
DC voltage	V			30	DC	
DC current	A			0.5	DC to AC+DC	
DC resistance	Ω		1		DC to AC+DC	
RF power	W			10	AC to AC+DC	@2.5GHz

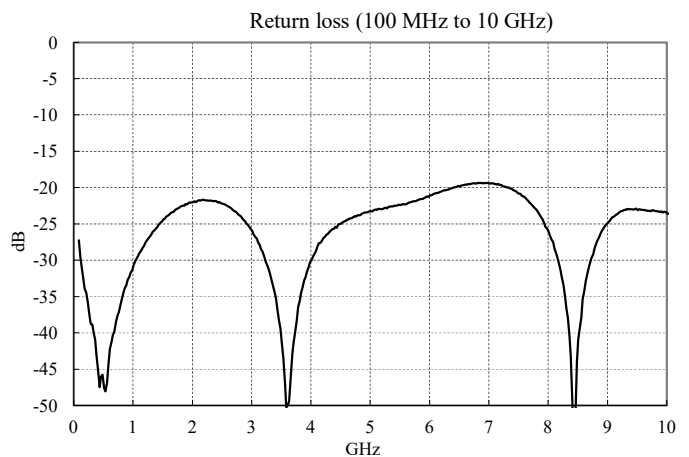
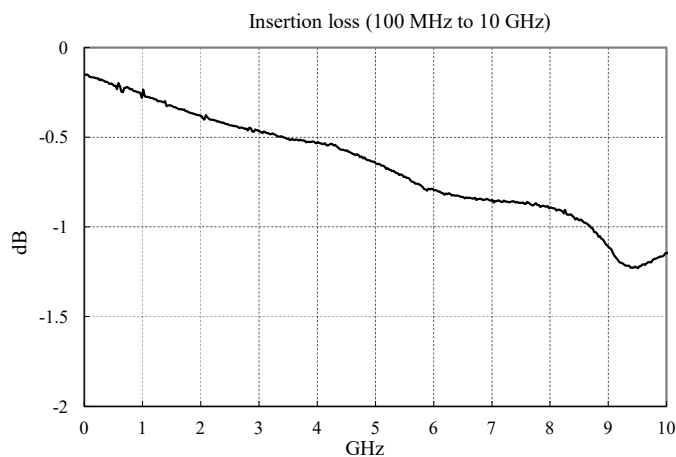
Dimension mm [inch]



Schematic



S-parameter



BT1810-00



Features

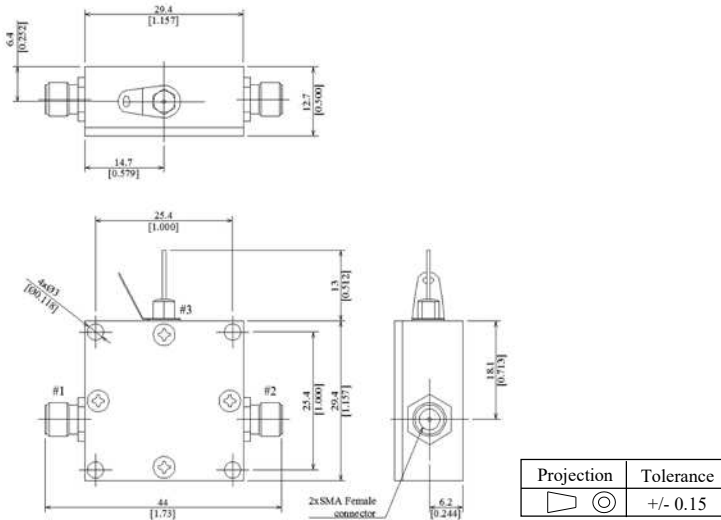
- Impedance: 50 Ω
- Broadband frequency: 100 MHz to 10 GHz
- Operating temperature: 0°C to +80°C



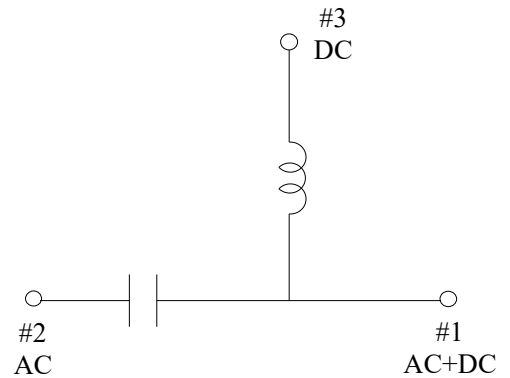
Electrical specifications

Parameter	Unit	Min	Typ	Max	Port	Note
Upper 3 dB frequency	GHz	10			AC to AC+DC	
Lower 3 dB frequency	MHz			100	AC to AC+DC	
Insertion loss	dB			3	AC to AC+DC	
DC voltage	V			30	DC	
DC current	A			0.5	DC to AC+DC	
DC resistance	Ω		1		DC to AC+DC	
RF power	W			10	AC to AC+DC	@2.5GHz

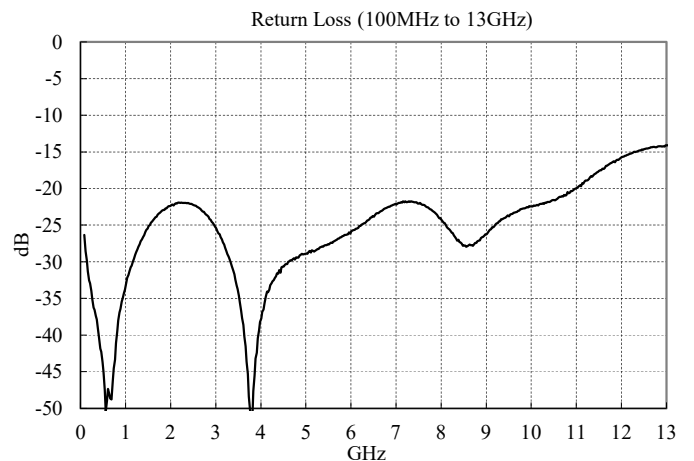
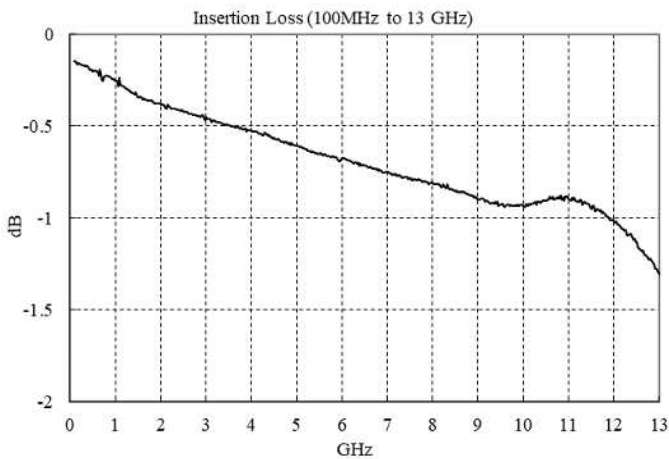
Dimension mm [inch]



Schematic



S-parameter



BT1813-00



Features

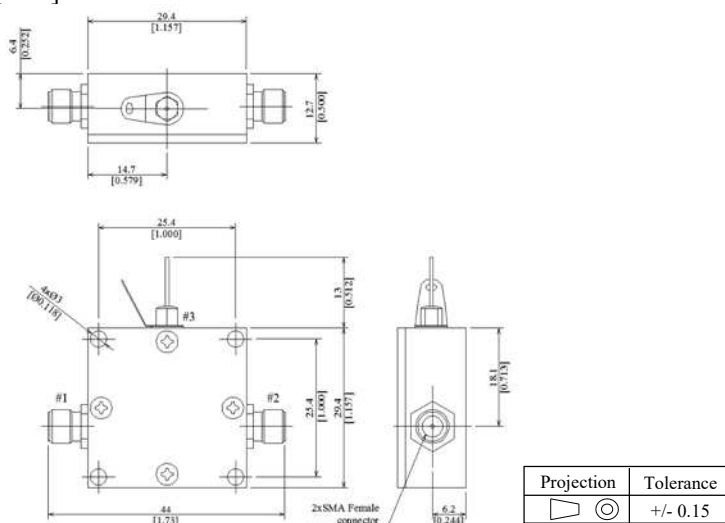
- Impedance: 50 Ω
- Broadband frequency: 100 MHz to 13 GHz
- Operating temperature: 0°C to +80°C



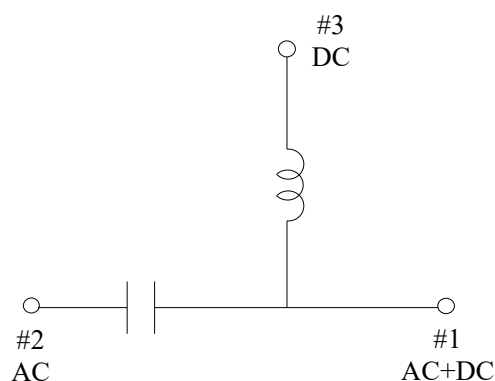
Electrical specifications

Parameter	Unit	Min	Typ	Max	Port	Note
Upper 2 dB frequency	GHz	13			AC to AC+DC	
Lower 2 dB frequency	MHz			100	AC to AC+DC	
Insertion loss	dB		2		AC to AC+DC	
DC voltage	V			30	DC	
DC current	A			0.5	DC to AC+DC	
DC resistance	Ω		1		DC to AC+DC	
RF power	W			10	AC to AC+DC	@2.5GHz

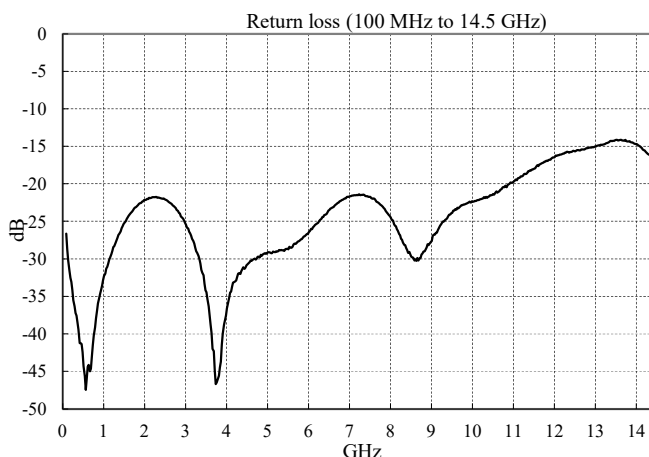
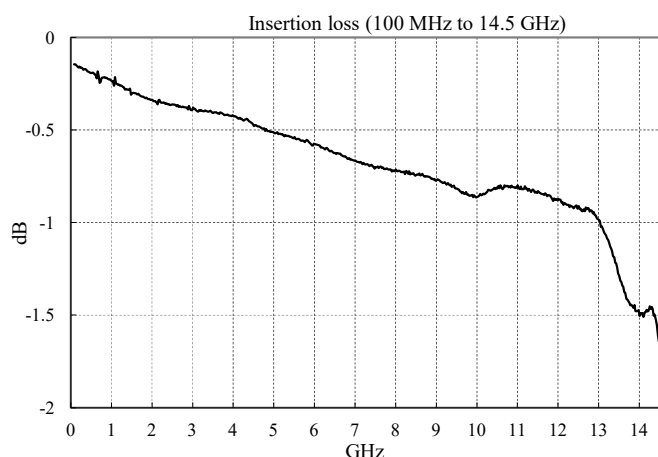
Dimension mm [inch]



Schematic



S-parameter



BT3512-00



Features

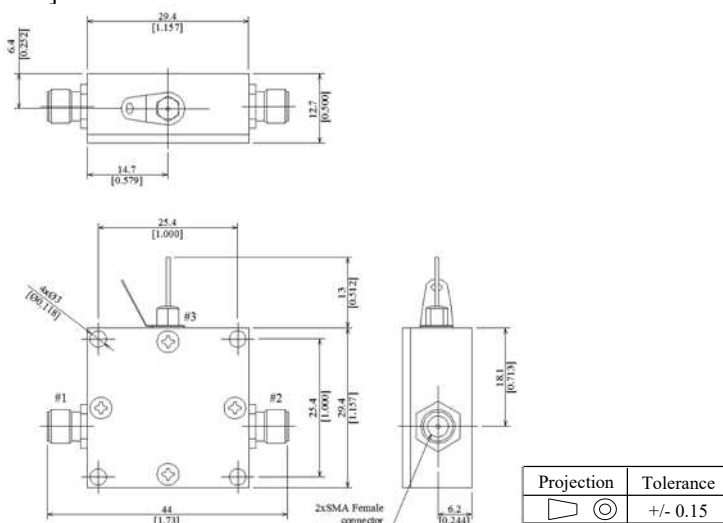
- Impedance: 50 Ω
- Broadband frequency: 300 kHz to 12 GHz
- Operating temperature: 0°C to +80°C



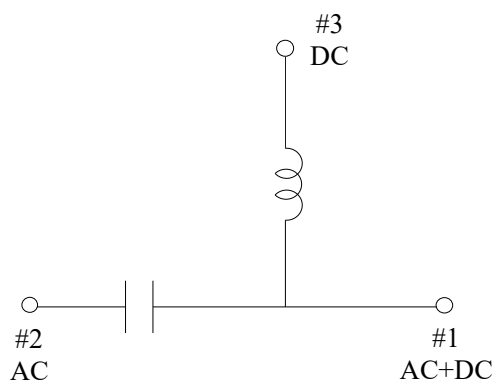
Electrical specifications

Parameter	Unit	Min	Typ	Max	Port	Note
Upper 3 dB frequency	GHz	12			AC to AC+DC	
Lower 3 dB frequency	kHz			300	AC to AC+DC	
Insertion loss	dB			3	AC to AC+DC	
DC voltage	V			50	DC	
DC current	A			0.5	DC to AC+DC	
DC resistance	Ω		1		DC to AC+DC	
RF power	W			1	AC to AC+DC	

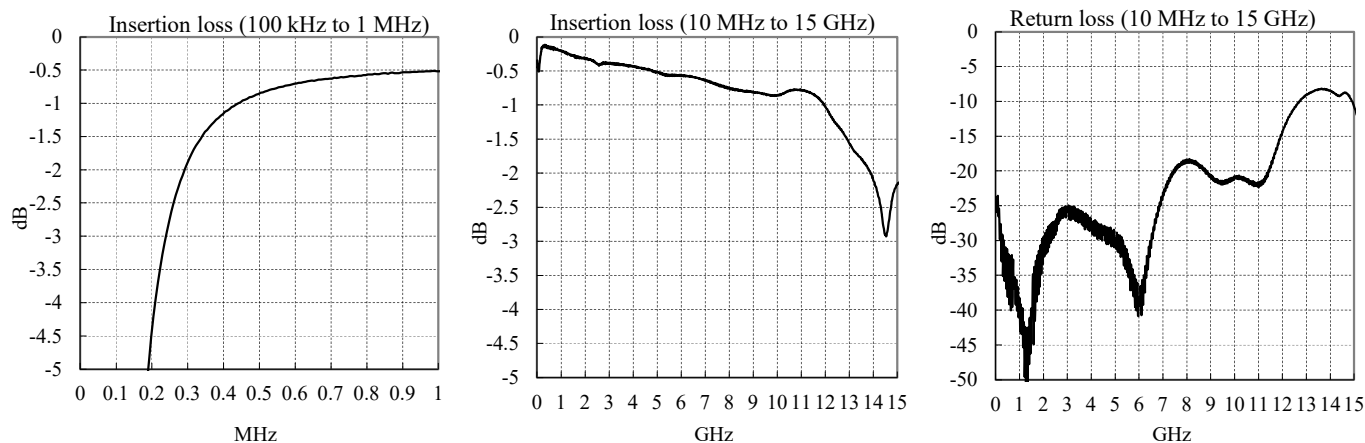
Dimension mm [inch]



Schematic



S-parameter



CP-156

Features

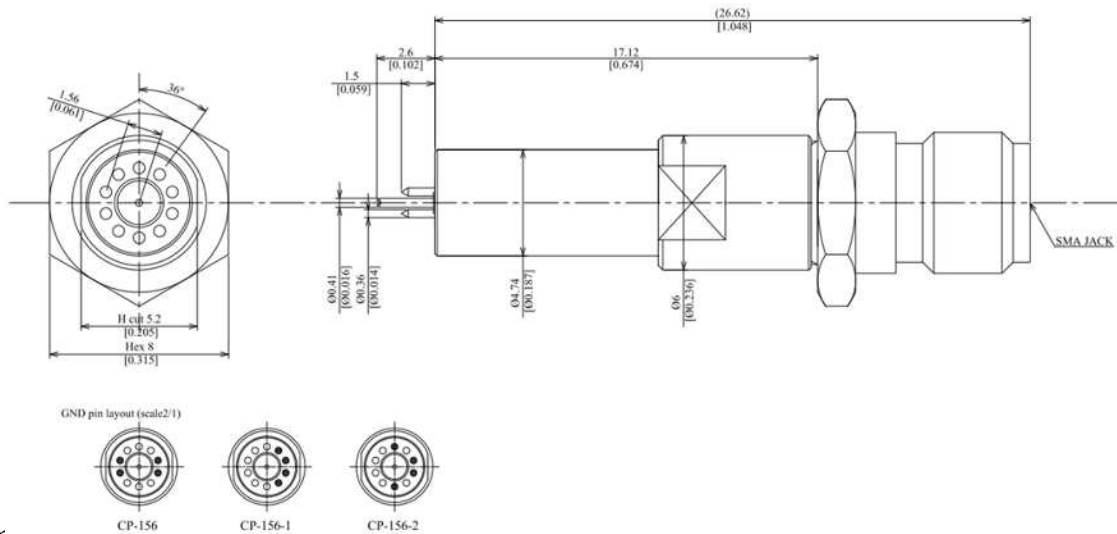
- Impedance: 50 Ω
- Broadband frequency: DC to 20 GHz



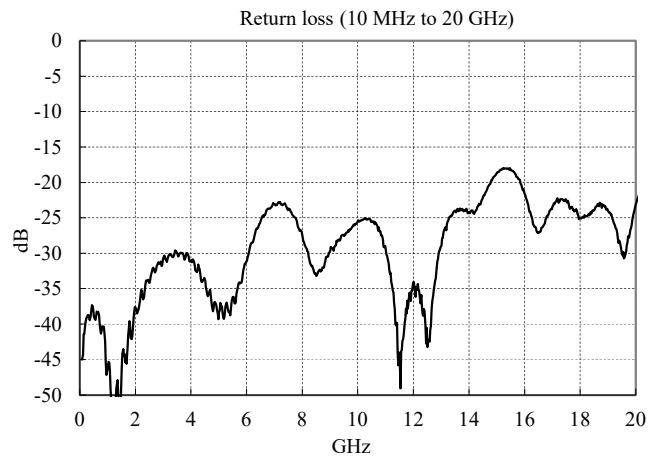
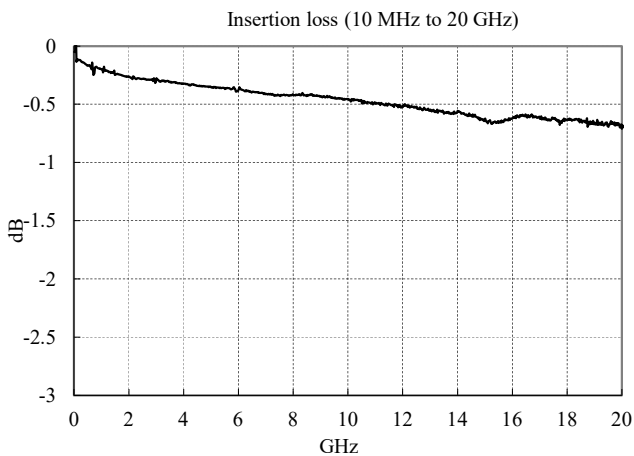
Electrical specifications

Parameter	Unit	Min	Typ	Max	Note
Frequency range	GHz	20			
Insertion loss	dB			1	
Return loss	dB			10	
DC resistance	Ω		1		
DC current	A			1.5	@ 25°C

Dimension mm [inch]



S-parameters



CP-120

Features

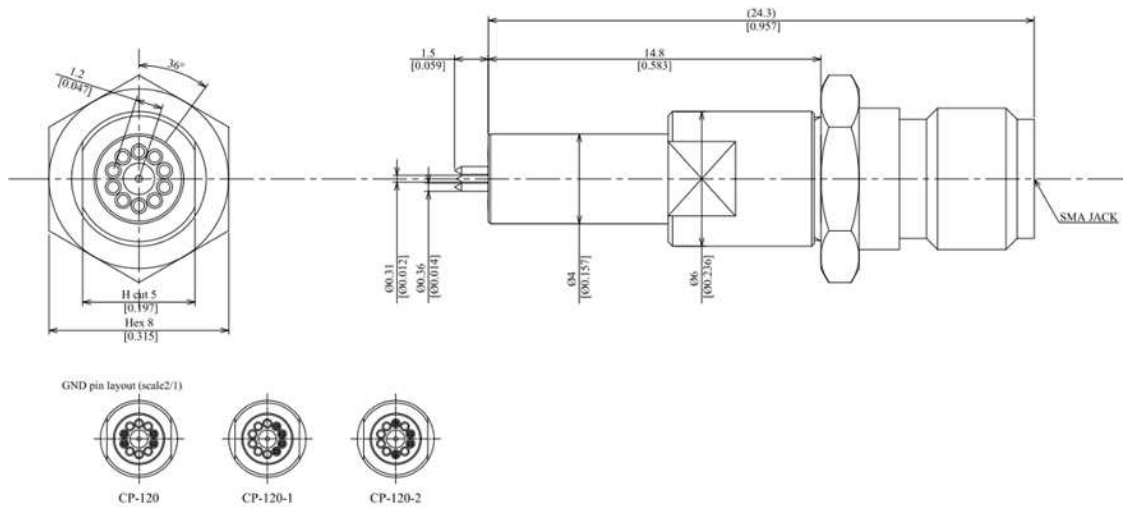
- Impedance: 50 Ω
- Broadband frequency: DC to 20 GHz



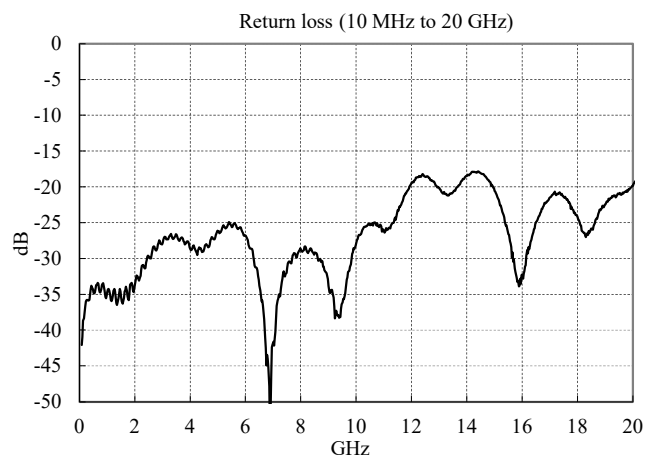
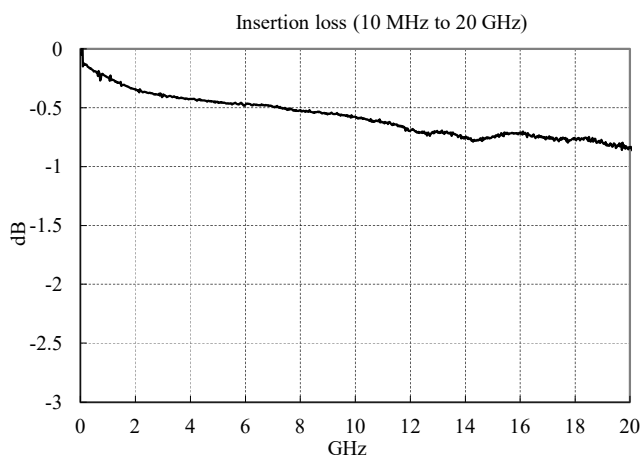
Electrical specifications

Parameter	Unit	Min	Typ	Max	Note
Frequency range	GHz	20			
Insertion loss	dB			1	
Return loss	dB			10	
DC resistance	Ω		1		
DC current	A			1.5	@ 25°C

Dimension mm [inch]



S-parameter



CP-075

Features

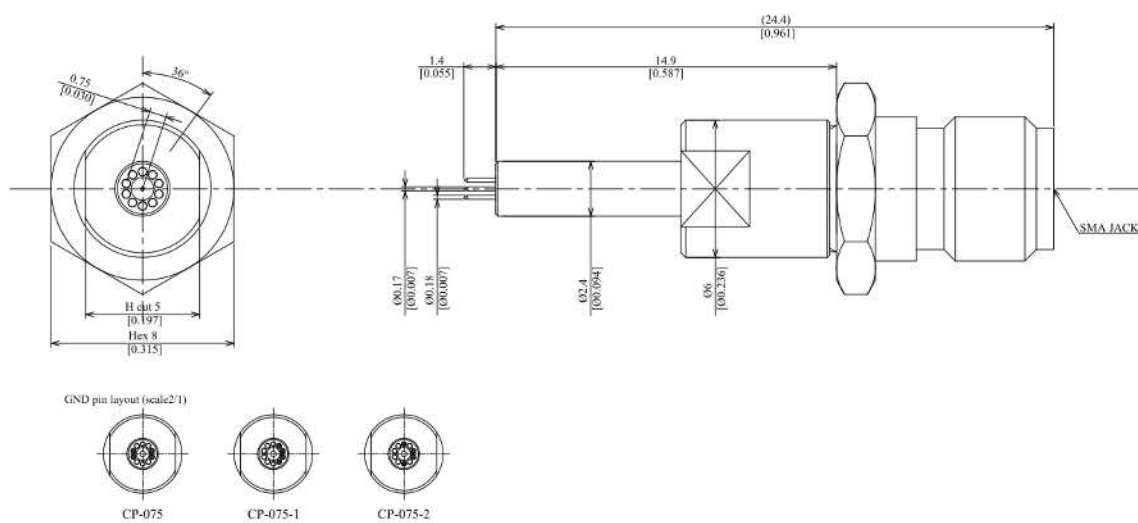
- Impedance: 50 Ω
- Broadband frequency: DC to 20 GHz



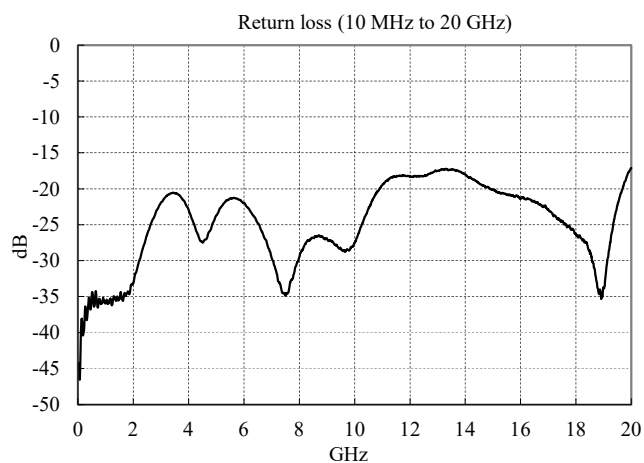
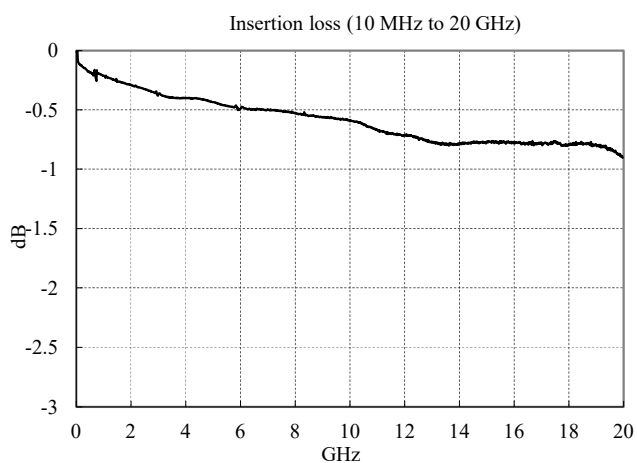
Electrical specifications

Parameter	Unit	Min	Typ	Max	Note
Frequency range	GHz	20			
Insertion loss	dB			1	
Return loss	dB			10	
DC resistance	Ω		1		
DC current	A			1.5	@ 25°C

Dimension mm [inch]



S-parameter



CP-075-M075

Features

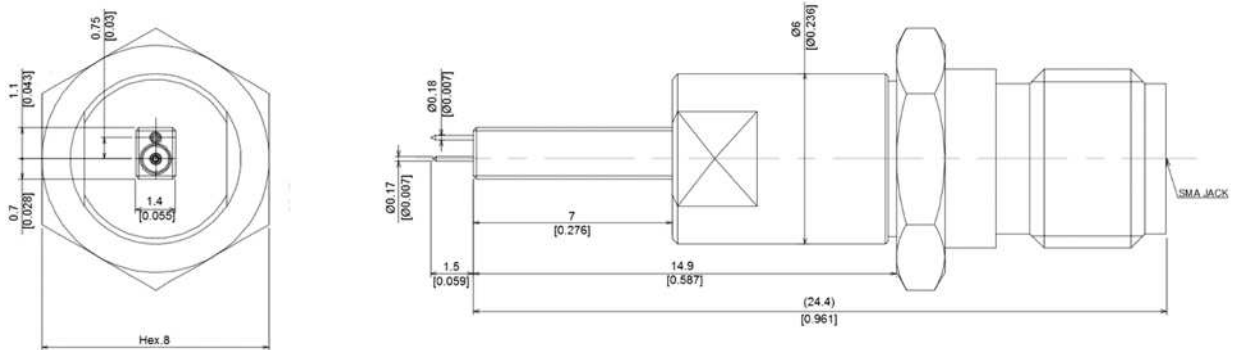
- Impedance: 50 Ω
- Broadband frequency: DC to 20 GHz



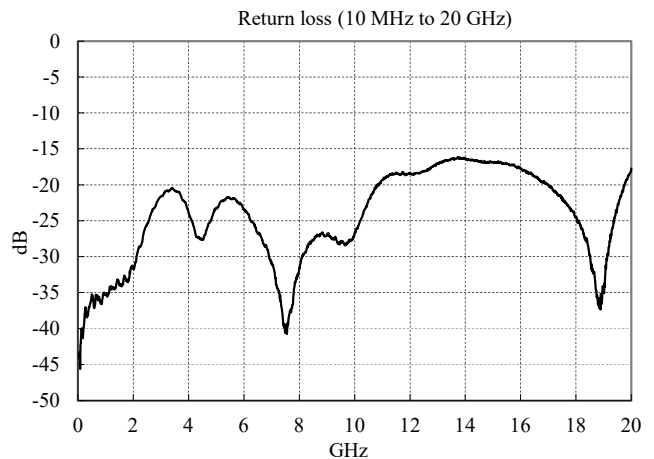
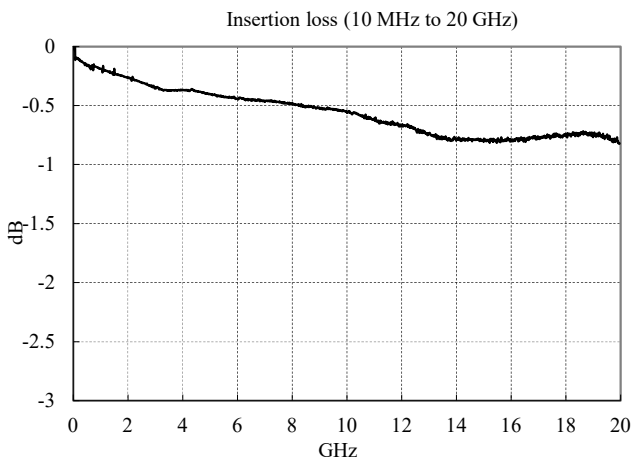
Electrical specifications

Parameter	Unit	Min	Typ	Max	Note
Frequency range	GHz	20			
Insertion loss	dB			1	
Return loss	dB			10	
DC resistance	Ω		1		
DC current	A			1.5	@ 25°C

Dimension mm [inch]



S-parameter



CP-075-M100



Features

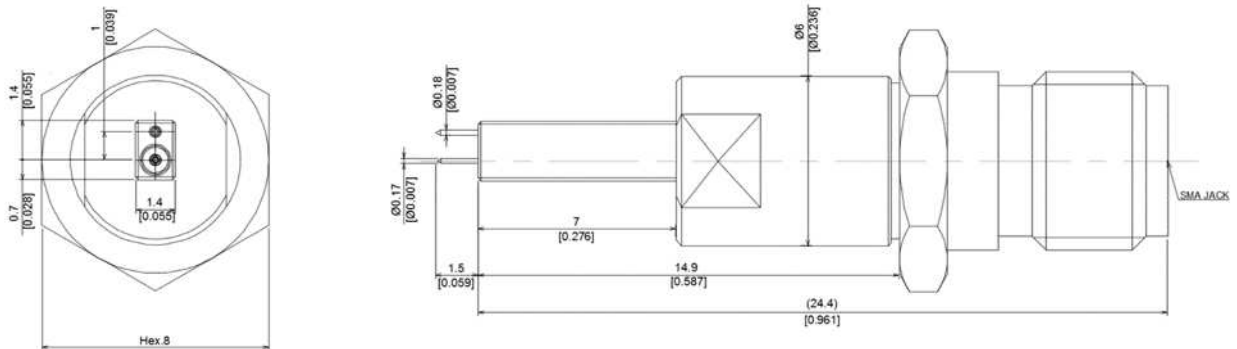
- Impedance: 50 Ω
- Broadband frequency: DC to 20 GHz



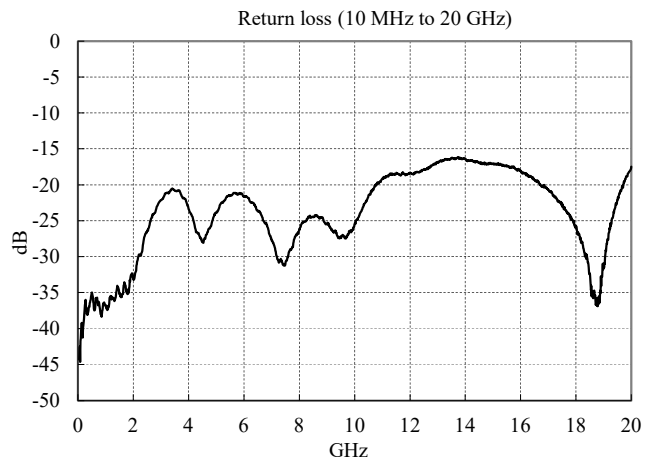
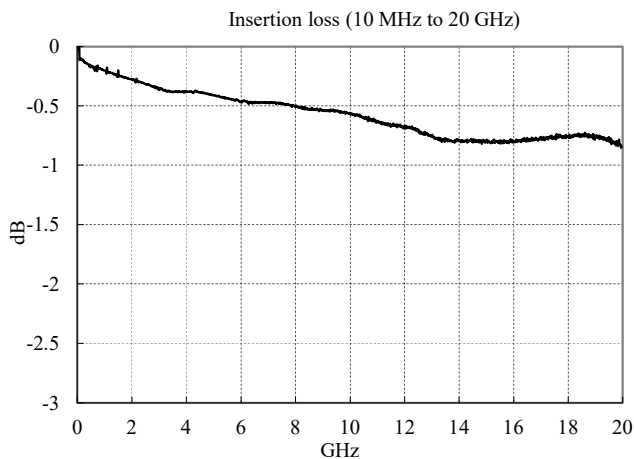
Electrical specifications

Parameter	Unit	Min	Typ	Max	Note
Frequency range	GHz	20			
Insertion loss	dB			1	
Return loss	dB			10	
DC resistance	Ω		1		
DC current	A			1.5	@ 25°C

Dimension mm [inch]



S-parameter



CP-120-M100

Features

- Impedance: 50 Ω
- Broadband frequency: DC to 20 GHz

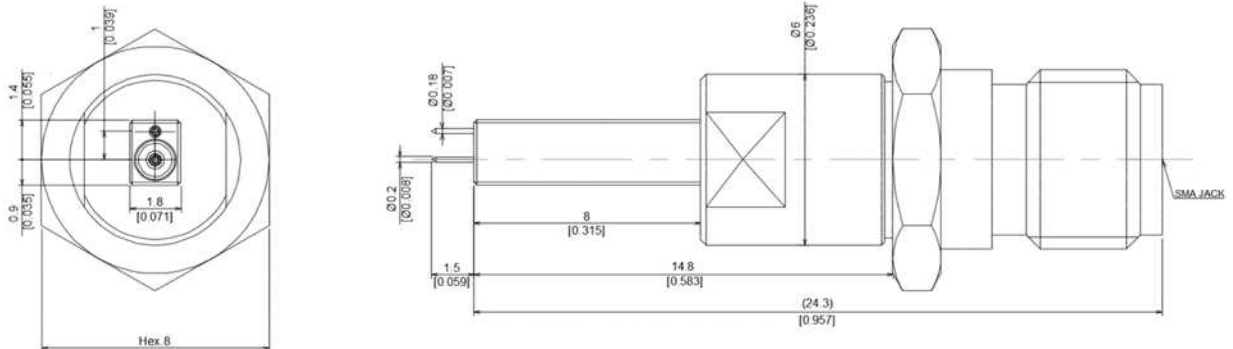


Electrical specifications

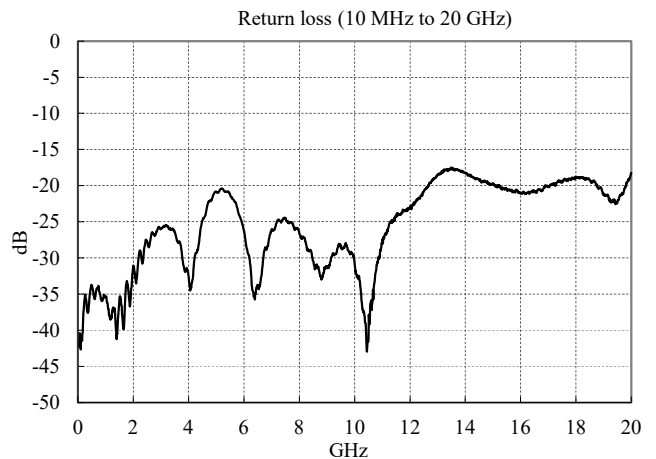
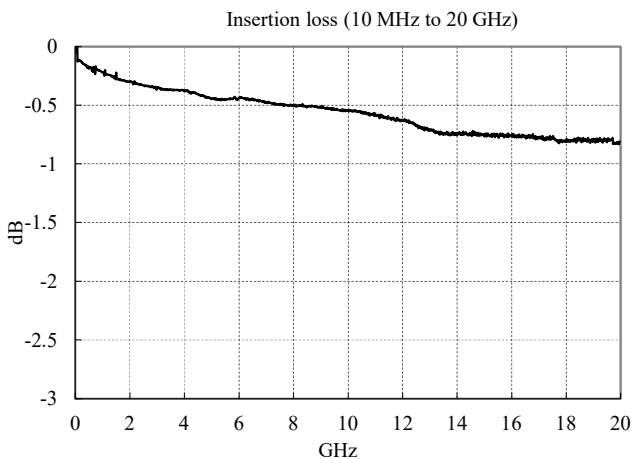
Parameter	Unit	Min	Typ	Max	Note
Frequency range	GHz	20			
Insertion loss	dB			1	
Return loss	dB			10	
DC resistance	Ω		1		
DC current	A			1.5	@ 25°C

Dimension

mm [inch]



S-parameter



CP-120-M128

Features

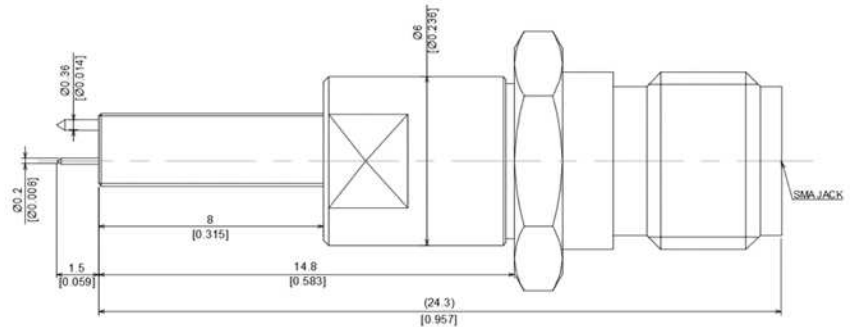
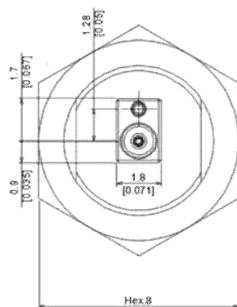
- Impedance: 50 Ω
- Broadband frequency: DC to 20 GHz



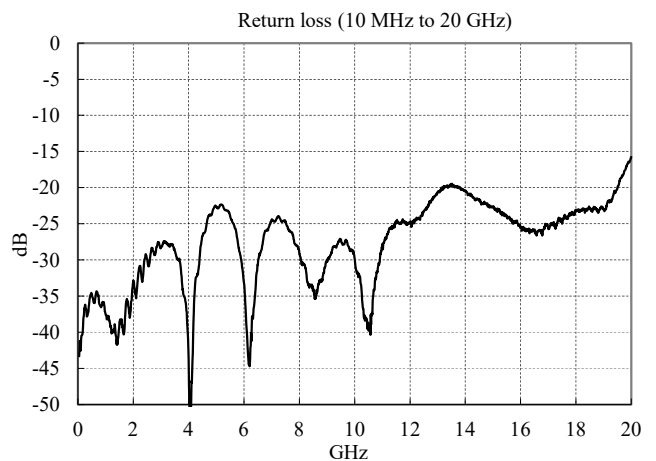
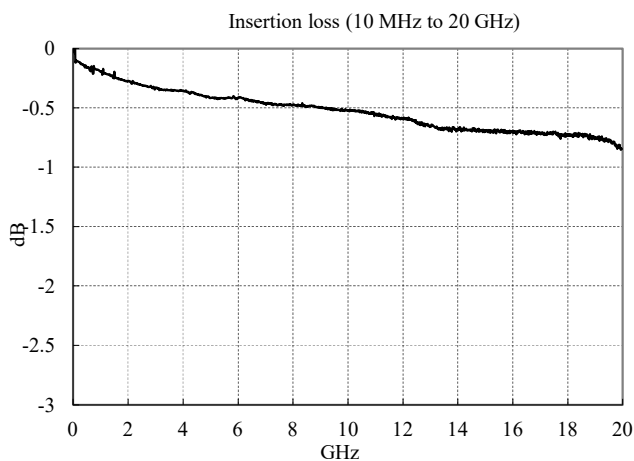
Electrical specifications

Parameter	Unit	Min	Typ	Max	Note
Frequency range	GHz	20			
Insertion loss	dB			1	
Return loss	dB			10	
DC resistance	Ω		1		
DC current	A			1.5	@ 25°C

Dimension mm [inch]



S-parameter



CP-120-M175

Features

- Impedance: 50 Ω
- Broadband frequency: DC to 20 GHz

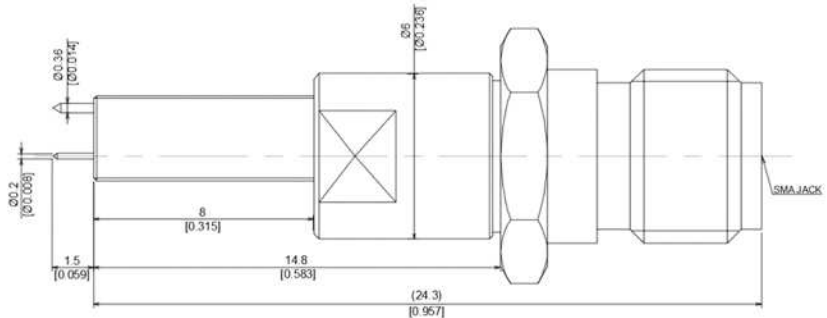
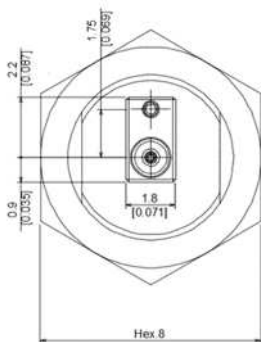


Electrical specifications

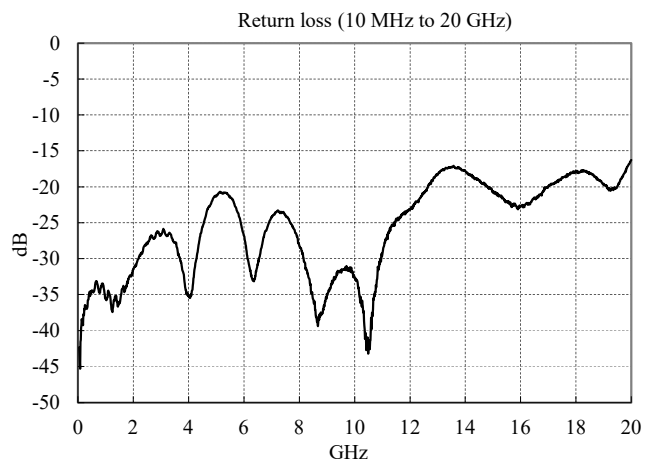
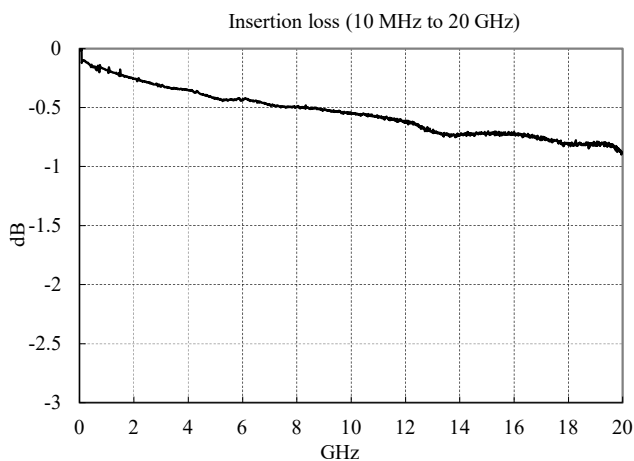
Parameter	Unit	Min	Typ	Max	Note
Frequency range	GHz	20			
Insertion loss	dB			1	
Return loss	dB			10	
DC resistance	Ω		1		
DC current	A			1.5	@ 25°C

Dimension

mm [inch]



S-parameter



CP-120-M256

Features

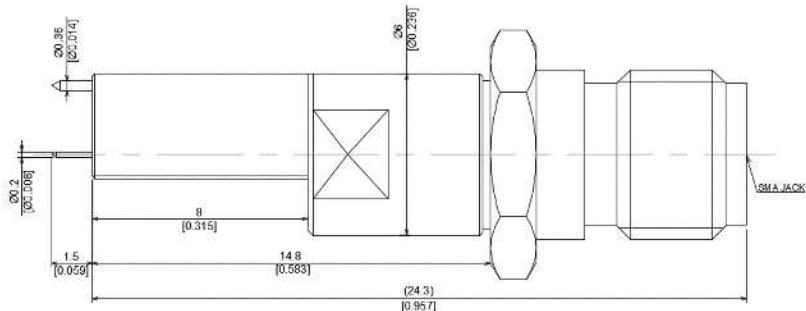
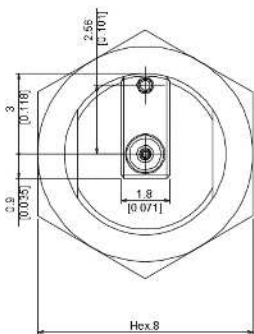
- Impedance: 50 Ω
- Broadband frequency: DC to 20 GHz



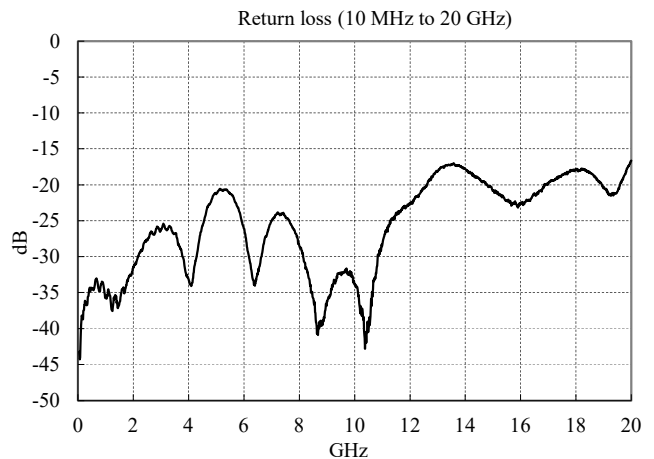
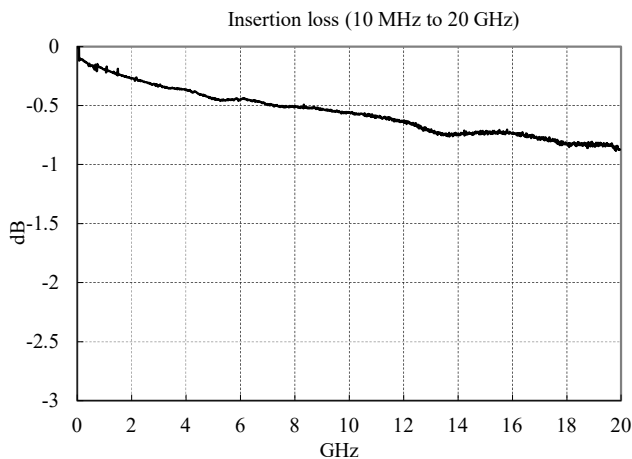
Electrical specifications

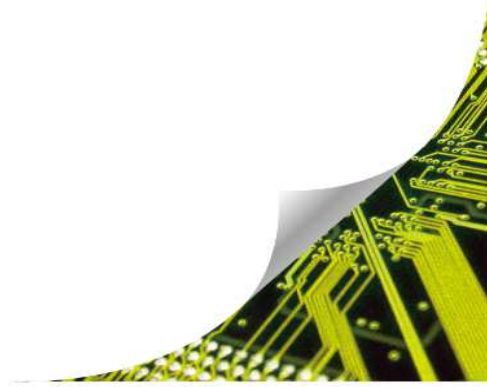
Parameter	Unit	Min	Typ	Max	Note
Frequency range	GHz	20			
Insertion loss	dB			1	
Return loss	dB			10	
DC resistance	Ω		1		
DC current	A			1.5	@ 25°C

Dimension mm [inch]



S-parameter





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