The ABC's of Ordering From Radiall

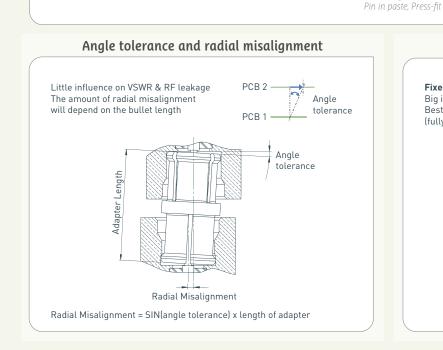
A. Series



SMT

Bulkhead

flange

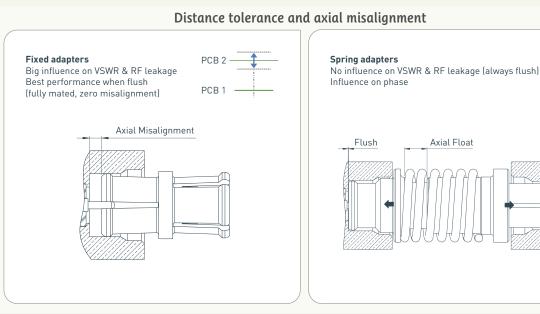


PCB mount &

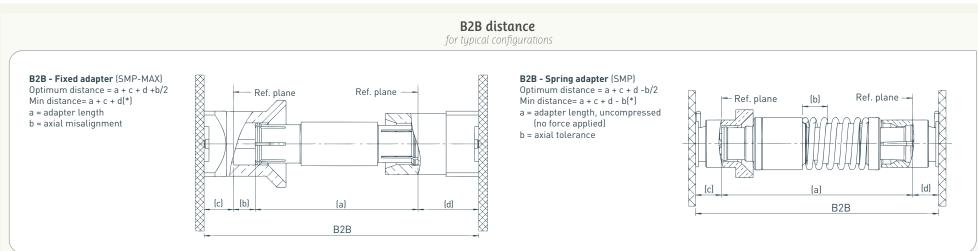
panel mount

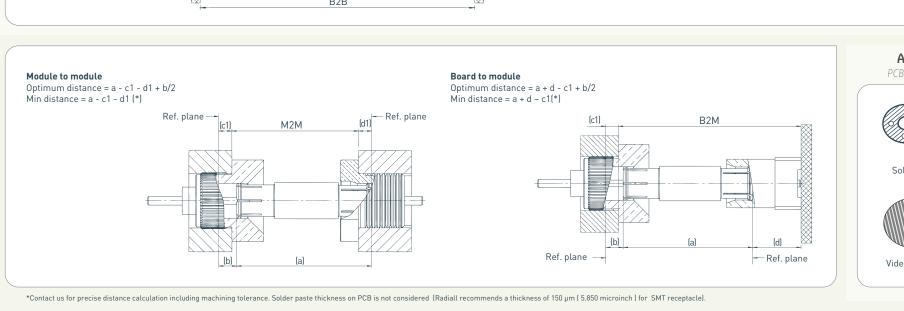
Solder legs

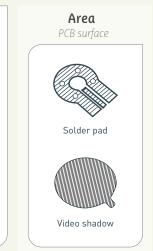
Through-hole,



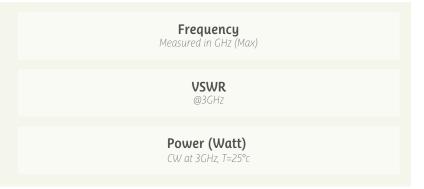
B. Distance Measurements







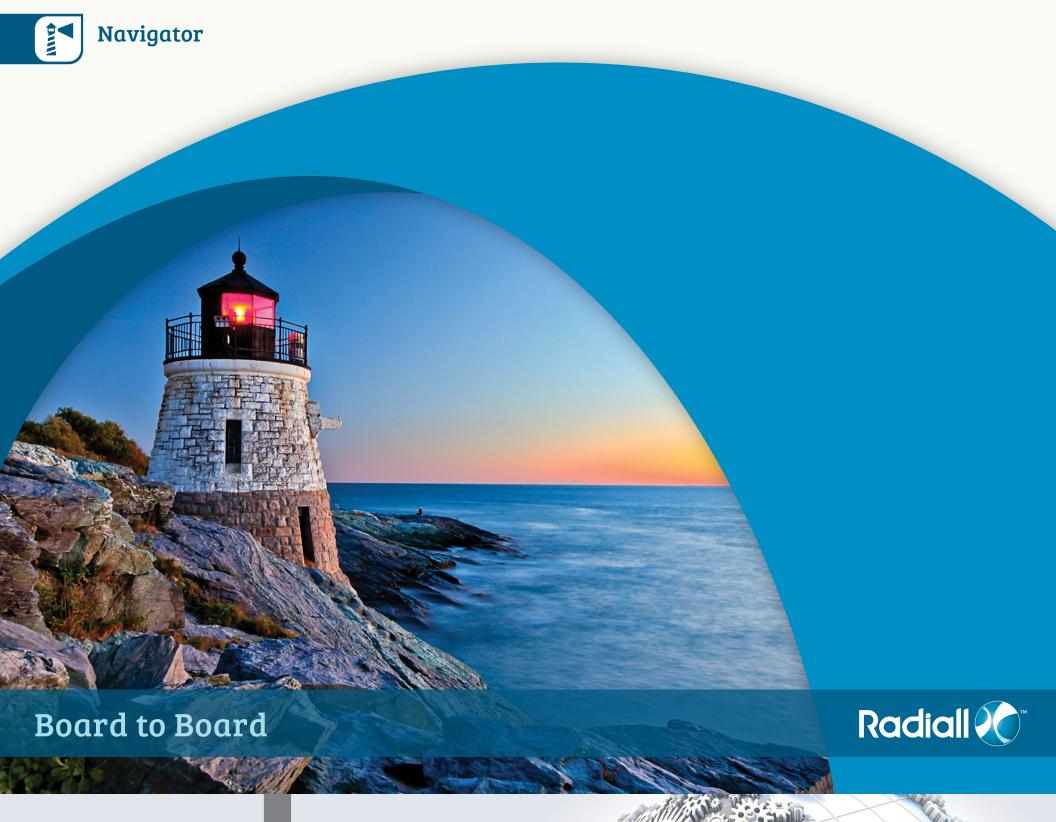
C. Electrical Options



Our most important connection is with you.™



A. Series			B. Distance Measurements		C. Electrical Options		
Name	Angle tolerance and radial misalignment	Distance tolerance and axial misalignment	B2B distance*	Area	Frequency	VSWR	Power (Watt)
SMP-Max	±3° Max	At least 2 mm (.079 in)	13 mm (.51 in)	6 mm² (.236 in²)	6 GHz	1.20	300 W at 2.7 GHz
BMR-Spring	±6° Max	At least 2 mm (.079 in)	30 mm (1.18 in)	9.5 mm² (.37 in²)	8 GHz	1.10	350 W at 2.7 GHz
IMP-Spring 18	±0.7 mm (±.027 in) One -piece connector, special case	At least 1 mm (.039 in)	7.6 mm (.30 in)	Ø 7mm (Ø .27 in)	18 GHz	1.10	150 W
IMP-Spring	±1 mm (±.04 in) One -piece connector, special case	At least 2 mm (.079 in)	16 mm (.63 in)	Ø 7mm (Ø .27 in)	6 GHz	1.15	150 W
SMPM-Spring	±3° Max	At least 1.3 mm (.51 in)	12.7 mm (.50 in)	4 mm² (.16 in²)	18 GHz	1.10	100 W
SMP-Spring	±3.5° Max	Up to 6 mm (.236 in)	16.4 mm (.64 in)	Ø 6 mm (Ø .236 in)	18 GHz	1.15	120 W
IMP	One -piece connector, special case	0.4 mm (.016 in)	2 mm (.08 in)	4.5 mm² (.18 in²)	6 GHz	1.25	50 W
SMPM	±3° Max	0.25 mm (.010 in)	8.8 mm (.35 in)	4 mm² (.16 in²)	65 GHz	1.10	100 W
SMP	±3.5° Max	0.25 mm (.010 in)	10.3 mm (.41 in)	Ø 4.6 mm (Ø .18 in)	40 GHz	1.10	120 W
SMP-COM	±3.5° Max	0.4 mm (.016 in)	9.7 mm (.38 in)	5 mm² (.19 in²)	12.4 GHz	1.12	120 W
ммвх	±4.5° Max	0.6 mm (.024 in)	6.7 mm (.26 in)	6 mm² (.236 in²)	12.4 GHz	1.15	150 W



Our most important connection is with you.™

area offices local contacts

It's not just a slogan. It's a statement of our earnest desire to put you at the forefront of all our business practices. As part of Radiall's mission to be available and accessible, we make it a priority to have local offices around the globe ready and able to assist you – wherever you are, whenever you need us.

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Also Represented In...

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Radiall Navigator™

Radiall Navigator™ is a tool designed to assist our partners and customers that provides sharing information about Radiall products as easy as possible in one single document.

With this in mind, we have created Radiall Navigator as a supplemental guide to information available in our catalogs and on our website **(www.radiall.com)**. We recognize that time is a very limited and valuable asset. We are confident that Radiall Navigator will help users understand our products, terminologies, and references better.



Radiall's Vision Statement

Connectivity has a profound and dramatic impact on the lives of people throughout the world. Because of advancements in technology, our lives are more convenient, more secure, more enjoyable and richer $than\,ever.\,The\,speed\,of\,data\,enables\,communication$ in the most remote areas so people can reach all corners of the globe, allows for important defense and security, and facilitates space exploration. But technology doesn't just happen. It starts in the mind with ideas, making connections never considered in ways that nobody dreamed possible. Seeing the future in ways previously unimagined is the act of innovation and it begins with people – the inventors, the dreamers, the pioneers and the engineersenriching the lives of billions. At Radiall, we have one single, solitary mission; Empower the people providing reliability and repeatability. Give them useful information and provide them with valuable guidance when determining the best course for success. We don't invent the future, we enable it. We inspire innovation, we embrace challenges, we challenge the conventional and we collaborate with you to succeed. At Radiall, we're proud to say – Our most important connection is with you.