

UK specialist in RF & Microwave Components, Sub-Systems & Test Solutions

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**DISCOVER THE ADVANTAGES OF USING SOUTHWEST MICROWAVE'S SSBB MINITURISED 0.9mm CONNECTOR RANGE**

SSBB differs from SMP-S/G3PO standard and is more robust for tight integration applications where misalignment needs to be tolerated in both static and dynamic environments



### Advantages of SuperMini Board-to-Board (SSBB) Vs SMP-S/G3PO

Parameter	Connector Standard	
	Southwest Microwave SSBB	SMP-S/G3PO
Centre to Centre	0.080 centre to centre	0.085 centre to centre
Board to Board Distance	0.163" (4.14mm)	claim 0.120" (3.05mm)
Frequency Range	DC to 67 + GHz	DC to 65 GHz
Engage force	6 oz.	19.2 oz.
Axial Misalignment Tolerance (whilst maintaining electrical performance)	0.010" axial float	0.010" axial float**
Radial Misalignment Tolerance (whilst maintaining electrical performance)	±10° radial misalignment	±0.010" radial misalignment
Misalignment benefit of Southwest design	VSWR integrity maintenance in misalignment condition thru proprietary design technique	**Bullet has to fully butt-mate to metalised surface thereby disrupting transmission path in misaligned condition

Click below for SSBB Product Catalogue



**Learn more about Southwest Microwave**

Contact Melcom - for detailed specification, pricing & availability