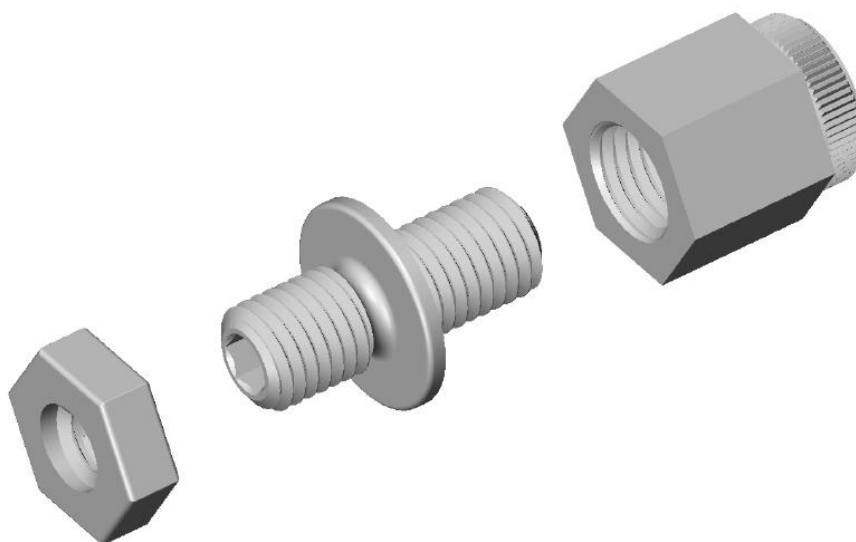
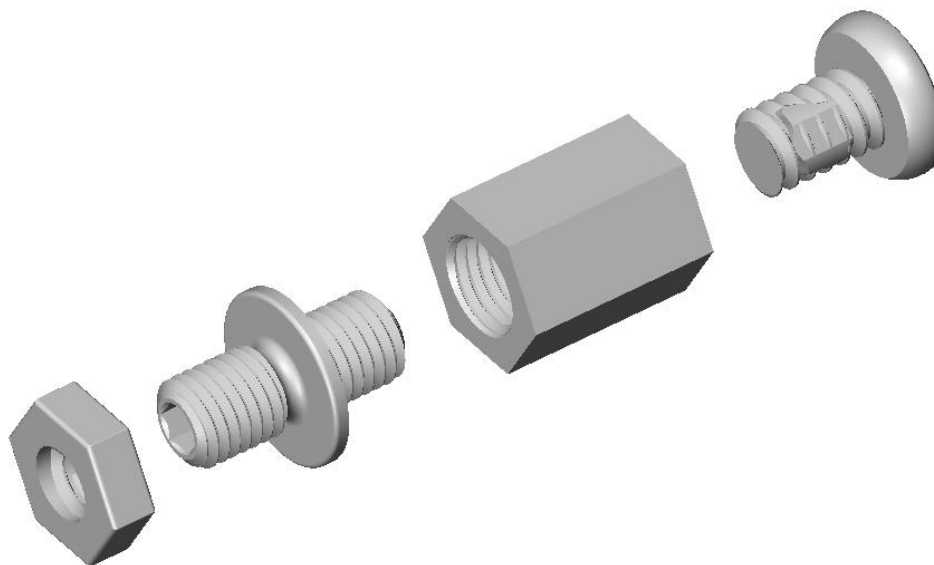


Series: JSOM Micro Jack Screw Precision Board Stacking Standoff – VITA and PC/104 Standard

Press-In Lead Style



Threaded Lead Style



See www.samtec.com for more information.



Series: JSOM Micro Jack Screw Precision Board Stacking Standoff – VITA and PC/104 Standard

1.0 SCOPE

1.1 This specification covers performance, testing and quality requirements for Samtec's JSOM Series Micro Jack Screw Precision Board Stacking Standoff – VITA and PC/104 Standard. All information contained in this specification is for 5.15, 7.15, 8.65, 10.15, 12.15 & 15.24mm Board Stack Height and M2.5, M3 & #4-40 Thread configuration unless otherwise noted.

2.0 DETAILED INFORMATION

2.1 Product prints, footprints, catalog pages, test reports and other specific, detailed information can be found at <https://www.samtec.com/products/jsom>.

3.0 TESTING

3.1 Mechanical: -01 Lead Style

ITEM	TEST CONDITION	REQUIREMENT	STATUS
Retention Force	EIA-364-04	50 Lbs minimum	Pass
Torque Force	EIA-364-04	25 in-lbs minimum	Pass

4.0 Application

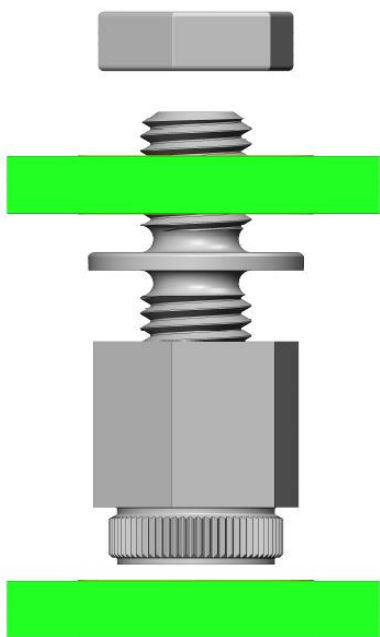
4.1 Board Stack Height

Table 1		
Finished Good	Thread	Board Stack Height
JSOM-0515-01	#4-40 UNC	5.150[.2028]
JSOM-0715-02		7.150[.2815]
JSOM-0815-02		8.150[.3209]
JSOM-0865-02		8.650[.3406]
JSOM-1015-02		10.150[.3996]
JSOM-1100-01		11.000[.4431]
JSOM-1215-02		12.150 [.4783]
JSOM-1524-02		15.240 [.6000]

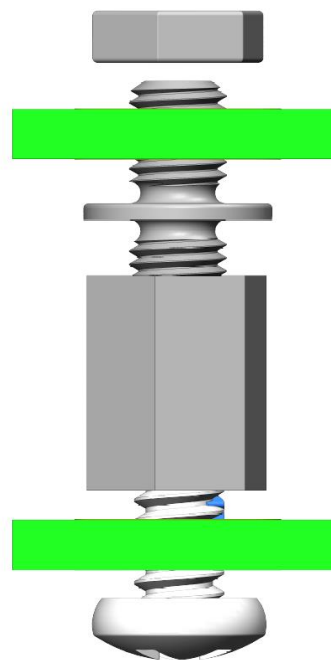
Series: JSOM Micro Jack Screw Precision Board Stacking Standoff – VITA and PC/104 Standard

Table 2						
Finished Good	Thread	Finished Good	Thread	Finished Good	Thread	Board Stack Height
ASP-199167-01	#4-40 UNC	ASP-198471-01	M2.5	ASP-199169-01	M3	8.50[.335]
ASP-199167-04		ASP-198471-04		ASP-199169-04		
ASP-199167-02		ASP-198471-02		ASP-199169-02		10.00[.394]
ASP-199167-05		ASP-198471-05		ASP-199169-05		
ASP-199167-03		ASP-198471-03		ASP-199169-03		12.00[.427]
ASP-199167-06		ASP-198471-06		ASP-199169-06		

4.2 JSOM Exploded View



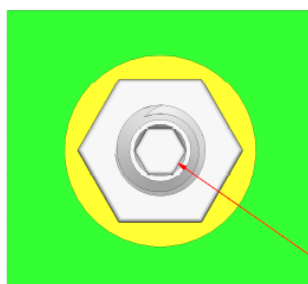
Press-In Lead Style



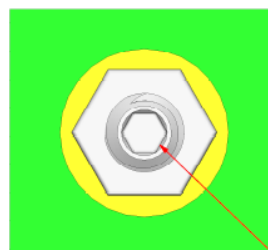
Threaded Lead Style

Series: **JSOM** Micro Jack Screw Precision Board Stacking Standoff – VITA and PC/104 Standard

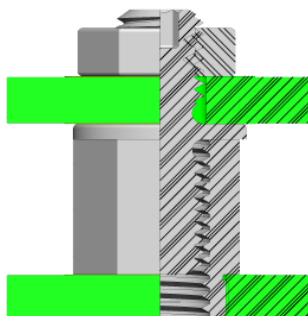
4.3 JSOM Fully Mated View



Internal Hex Must
Be Located At The Top
As Shown

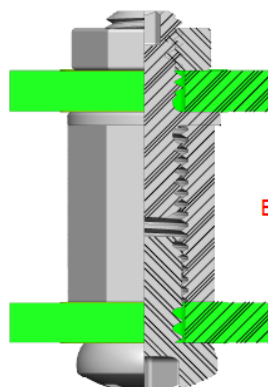


Internal Hex Must
Be Located At The Top
As Shown



Board Stack Height

Press-In Lead Style



Board Stack Height

Threaded Lead Style

4.4 For More Detail application info see Samtec's Video

[Jack Screw Standoffs Application Video](#)

5.0 ADDITIONAL RESOURCES

5.1 For additional mechanical testing or product information, contact our Customer Engineering Support Group at CES@samtec.com



Series: JSOM Micro Jack Screw Precision Board Stacking Standoff – VITA and PC/104 Standard

USE OF PRODUCT SPECIFICATION SHEET

This Product Specification Sheet (“PSS”) is a brief summary of information related to the Product identified. As a summary, it should only be used for the limited purpose of considering the purchase/use of Product. For specific, detailed information, including but not limited to testing and Product footprint, refer to Section 2.0 of this document and the links there provided to test reports and prints. This PSS is the property of Samtec, Inc. (“Samtec”) and contains proprietary information of Samtec, our various licensors, or both. Samtec does not grant express or implied rights or license under any patent, copyright, trademark or other proprietary rights and the use of the PSS for building, reverse engineering or replication is strictly prohibited. By using the PSS, the user agrees to not infringe, directly or indirectly, upon any intellectual property rights of Samtec and acknowledges that Samtec, our various licensors, or both own all intellectual property therein. The PSS is presented “AS IS”. While Samtec makes every effort to present excellent information, the PSS is only provided as a guideline and does not, therefore, warrant it is without error or defect or that the PSS contains all necessary and/or relevant information about the Product. The user agrees that all access and use of the PSS is at its own risk. **NO WARRANTIES EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY KIND WHATSOEVER ARE PROVIDED.**