

SO-1890-03-01-01-L

SO-2515-02-01-01-L

SO-1524-03-01-01-L

SO-0715-01-01-01

SO SERIES

# PRECISION BOARD STACKING STANDOFF

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?SO](http://www.samtec.com?SO)

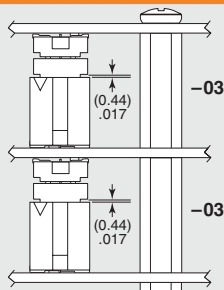
### Material:

Aluminum

### Locking Compound:

Nylon

## APPLICATIONS



See QMS/QFS Series SUMIT™ & PCI/104-Express™ connectors

Requires Standoff  
SO-1524-03-01-02-L 15.24mm  
board spacing. Connectors designed  
to not fully seat when mated.

## APPLICATIONS



Ideal for use with all  
Samtec SI connectors

Precision  
machined tolerances  
( $\pm .002"$  (0.05 mm))

**RUGGEDIZED**  
BY SAMTEC

- Precision machined
- Locking compound

Stack heights from  
5 mm to 25 mm

#4-40  
Thread

Standard Nylon  
thread locking  
compound

## ALSO AVAILABLE (MOQ Required)

- Other heights
- Stainless Steel
- Locking compound removed
- Other materials and threading
- No Hardware

SO

BOARD  
STACKERLEAD  
STYLETHREAD  
STYLE

01

L

Specify  
BOARD STACKER  
from chart

**-01**  
= Female Thread/Press-In  
(-0515 thru -0865 only)

**-02**  
= Male/Male Thread  
(-0515 and  
-1115 thru -2515 only)

**-03**  
= Male/Female Thread  
(-0815 thru -2515 only)

**-05**  
= Female/Female Thread  
(-1524 thru -2515 only)

**-01**  
= #4-40  
Thread

**-02**  
= M3 x 0.5  
Thread

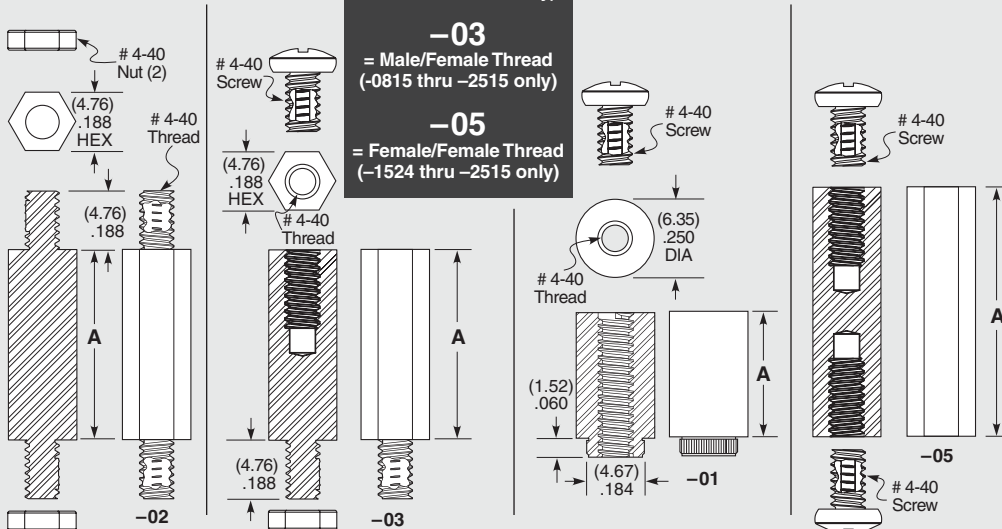
**-L**  
= -02 & -03 Lead Style  
thread locking compound  
(Leave blank for -01 Lead Style)

| BOARD STACKER | A            | BOARD STACK HEIGHT |
|---------------|--------------|--------------------|
| -0515         | (5.15) .203  | 5 mm               |
| -0715         | (7.15) .282  | 7 mm               |
| -0815         | (8.15) .321  | 8 mm               |
| -0865         | (8.65) .341  | 8.5 mm             |
| -1115         | (11.15) .439 | 11 mm              |
| -1215         | (12.15) .478 | 12 mm              |
| -1524         | (15.24) .600 | 15.09 mm           |
| -1615         | (16.15) .636 | 16 mm              |
| -1890         | (18.90) .744 | 18.75 mm           |
| -1915         | (19.15) .754 | 19 mm              |
| -2515         | (25.15) .990 | 25 mm              |

### Notes:

Standoffs are designed,  
0.15 mm longer than  
connector stack heights to  
allow for processing variables.

Some lengths, styles and  
options are non-standard,  
non-returnable.



Components are to be packaged in separate bags unassembled.

Due to technical progress, all designs, specifications and components are subject to change without notice.

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.