

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)

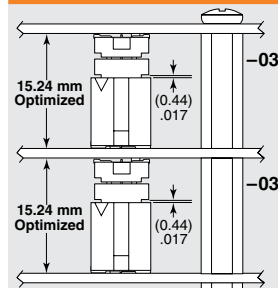
### Material:

Aluminum

### Locking Compound:

Nylon

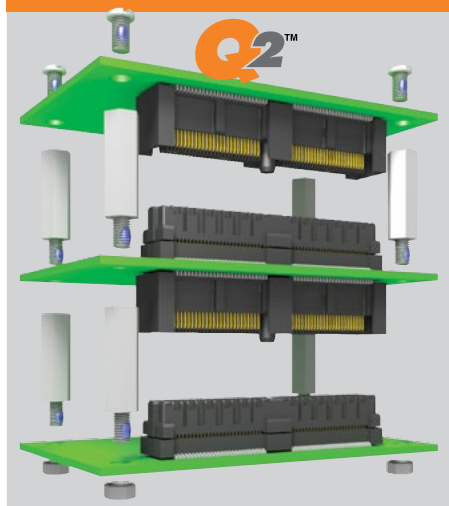
## APPLICATIONS



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
- Contact Samtec.

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

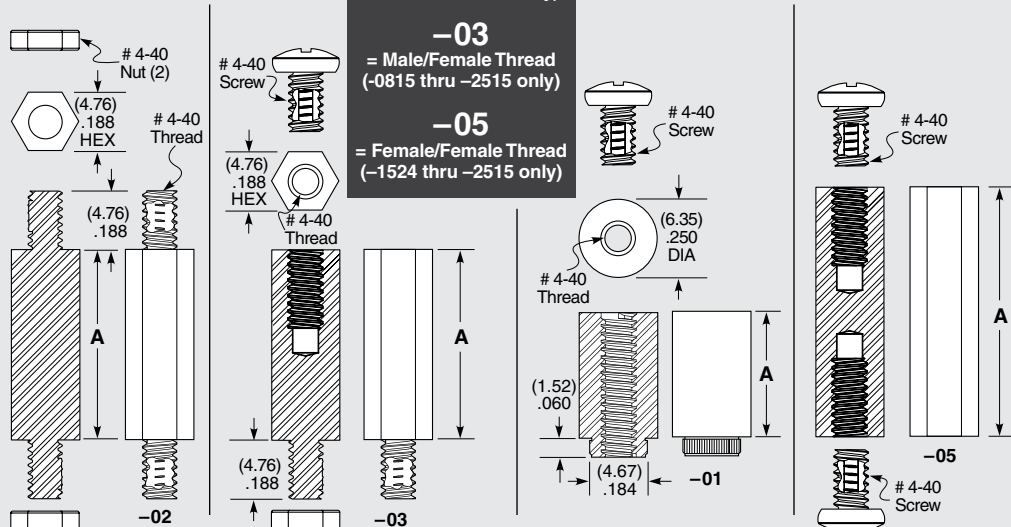
**-L**  
= -02 & -03 Lead Style  
thread locking compound  
(Leave blank for -01 Lead Style)

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	15.24 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.