

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

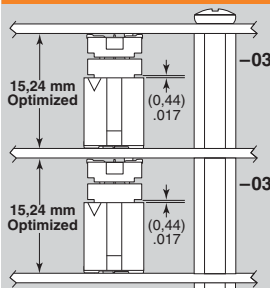
Material:

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.

See next page for more applications!

APPLICATIONS

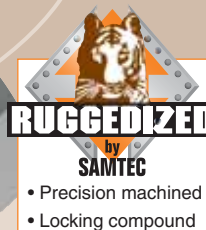


Ideal for use with all Samtec SI connectors

Precision machined tolerances ($\pm .002"$ (0,05 mm))

#4-40 Thread

Standard Nylon thread locking compound



- Precision machined
- Locking compound

Stack heights from 5 mm to 25 mm

ALSO AVAILABLE (MOQ Required)

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

SO

BOARD STACKER

LEAD STYLE

THREAD 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

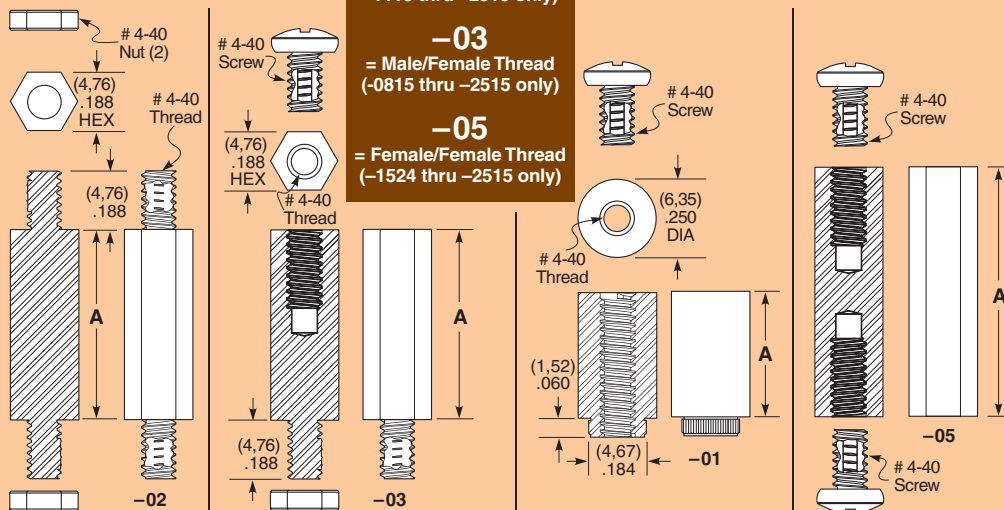
-02
= M3 x 0.5 Thread

-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

Note:
Standoffs are designed, 0,15 mm longer than connector stack heights to allow for processing variables.

Note:
Some sizes, 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.

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SO-0515-01-01-01



SO-1215-02-01-01-L



SO-1915-02-01-01-L

SO SERIES

STACKING STANDOFF APPLICATIONS

APPLICATIONS



Stack Height	Type Interconnect	Trade Name	Series Name	Pitch	Standoff
5 mm	Strip	Q Series®	QTH/QSH	.5 mm	SO-0515-01-01-01
		B Series	BTH/BSH	.5 mm	
		Q Series®	QTS/QSS	.635 mm	
		Q Series®	MIT/MIS	.635 mm	
		B Series	BTS/BSS	.635 mm	
		Q Series®	QTE/QSE	.8 mm	
		B Series	BTE/BSE	.8 mm	
7 mm	Strip	Edge Rate™	ERM8/ERF8	.8 mm	SO-0715-01-01-01
	Array	SEARAY™	SEAM/SEAF	1.27 mm	
8 mm	Strip	Q Series®	QTH/QSH	.5 mm	SO-0815-01-01-01
		B Series	BTH/BSH*	.5 mm	
		Q Series®	QTS/QSS	.635 mm	
		Q Series®	MIT/MIS	.635 mm	
		B Series	BTS/BSS*	.635 mm	
		Q Series®	QTE/QSE	.8 mm	
	B Series	BTE/BSE	.8 mm		
Array	SEARAY™	SEAM/SEAF	1.27 mm		
8.5 mm	Array	SEARAY™	SEAM/SEAF	1.27 mm	SO-0865-01-01-01
11 mm	Strip	Q Series®	QTH/QSH	.5 mm	SO-1115-02-01-01-L
		B Series	BTH/BSH*	.5 mm	
		Q Series®	QTS/QSS*	.635 mm	
		Q2™	QMS/QFS	.635 mm	
		Q2™	QMSS/QFSS	.635 mm	
		Q Series®	MIT/MIS*	.635 mm	
		B Series	BTS/BSS*	.635 mm	
		Q Series®	QTE/QSE	.8 mm	
B Series	BTE/BSE*	.8 mm			
12 mm	Strip	Q2™	QMS/QFS	.635 mm	SO-1215-02-01-01-L
		Edge Rate™	ERM8/ERF8	.8 mm	
	Array	SEARAY™	SEAM/SEAF	1.27 mm	
15.24 mm	Strip	Q2™	QMS/QFS	.635 mm	SO-1524-02-01-01-L SO-1524-03-01-01-L
16 mm	Strip	Q Series®	QTH/QSH	.5 mm	SO-1615-02-01-01-L
		B Series	BTH/BSH*	.5 mm	
		Q Series®	QTS/QSS*	.635 mm	
		Q2™	QMS/QFS	.635 mm	
		Q Series®	MIT/MIS*	.635 mm	
		B Series	BTS/BSS*	.635 mm	
		Q Series®	QTE/QSE	.8 mm	
	Edge Rate™	ERM8/ERF8	.8 mm		
B Series	BTE/BSE*	.8 mm			
Array	SEARAY™	SEAM/SEAF	1.27 mm		
18.75 mm	Strip	Q Series®	MIT/MIS*	.635 mm	SO-1890-02-01-01-L
19 mm	Strip	Q Series®	QTH/QSH	.5 mm	SO-1915-02-01-01-L
		B Series	BTH/BSH*	.5 mm	
		Q Series®	QTE/QSE	.8 mm	
		RiseUp®	RU8	.8 mm	
		B Series	BTE/BSE*	.8 mm	
25 mm	Strip	Q Series®	QTH/QSH	.5 mm	SO-2515-02-01-01-L
		Q Series®	QTE/QSE	.8 mm	
		RiseUp®	RU8	.8 mm	
		B Series	BTE/BSE*	.8 mm	
	Array	HD Mezz***	HDAM/HDAF	1.2 mm	

*ASO (Application Specific Option) ***HD Mezz is a trademark of Molex Incorporated

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