

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

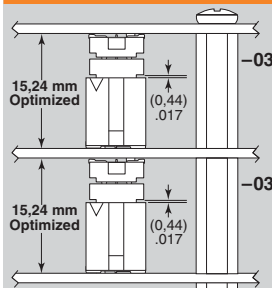
Material:

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

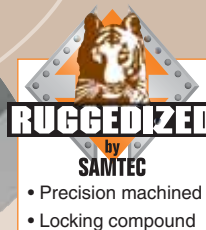


Ideal for use with all Samtec SI connectors

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
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

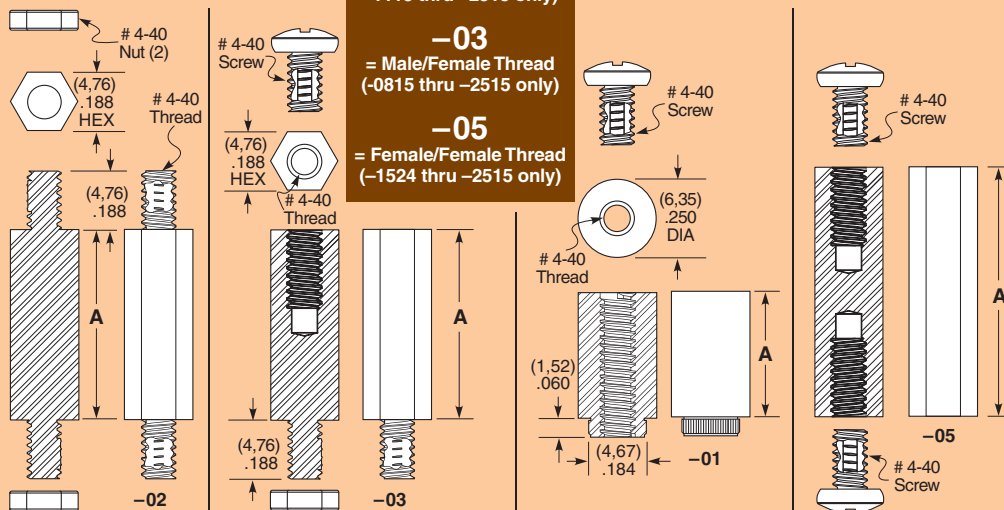
–02
= M3 x 0.5
Thread

–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

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.

WWW.SAMTEC.COM

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	
7 mm	Strip	B Series	BTE/BSE	.8 mm	SO-0715-01-01-01
	Array	Edge Rate™	ERM8/ERF8	.8 mm	
8 mm	Strip	SEARAY™	SEAM/SEAF	1.27 mm	SO-0815-01-01-01
		Q Series®	QTH/QSH	.5 mm	
		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	
	Array	B Series	BTE/BSE	.8 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	
		Q2™	QMS/QFS	.635 mm	
12 mm	Strip	Edge Rate™	ERM8/ERF8	.8 mm	SO-1215-02-01-01-L
	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

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

WWW.SAMTEC.COM