



# 2mm SHROUDED STACKER STMM, LTMM, ZSTMM, ZLTMM

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?STMM](http://www.samtec.com?STMM), [www.samtec.com?LTMM](http://www.samtec.com?LTMM), [www.samtec.com?ZSTMM](http://www.samtec.com?ZSTMM) or [www.samtec.com?ZLTMM](http://www.samtec.com?ZLTMM)

**Insulator Material:**  
High Temperature Nylon



**Terminal Material:**  
Phosphor Bronze

**Plating:**  
Sn or Au over 50µ" (1,27µm) Ni

**Current Rating:**  
3A @ 80°C ambient

**Operating Temp Range:**  
-55°C to +105°C with Tin;  
-55°C to +125°C with Gold

**RoHS Compliant:**  
Yes

### Processing:

**Max Processing Temp:**  
230°C for 60 seconds, or  
260°C for 20 seconds 3x

**Lead-Free Solderable:**  
Yes

**SMT Lead Coplanarity:**  
(0,10mm) .004" max

TYPE STRIP	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	D	BODY HEIGHT	OTHER OPTION																																				
<p>Mates with: SQT, SQW, ESQT, SMM, TCSD</p> <p><b>STMM</b> = Cable Strip</p> <p><b>LTMM</b> = Connector Strip</p> <p><b>ZSTMM</b> = Elevated Cable Strip</p> <p><b>ZLTMM</b> = Elevated Connector Strip</p>			<p><b>-02</b> = STMM &amp; LTMM Specify ZSTMM &amp; ZLTMM from chart</p> <table border="1"> <thead> <tr> <th>LEAD STYLE</th> <th>B (OAL)</th> <th>MAX BODY HEIGHT</th> </tr> </thead> <tbody> <tr><td>-75</td><td>(9,58) 0.377</td><td>(7,42) 0.292</td></tr> <tr><td>-62</td><td>(10,08) 0.397</td><td>(7,92) 0.312</td></tr> <tr><td>-65</td><td>(10,49) 0.413</td><td>(8,33) 0.328</td></tr> <tr><td>-73</td><td>(12,09) 0.476</td><td>(9,93) 0.391</td></tr> <tr><td>-63</td><td>(14,10) 0.555</td><td>(11,94) 0.470</td></tr> <tr><td>-66</td><td>(15,09) 0.594</td><td>(12,93) 0.509</td></tr> <tr><td>-69</td><td>(15,60) 0.614</td><td>(13,44) 0.529</td></tr> <tr><td>-74</td><td>(17,09) 0.673</td><td>(14,94) 0.588</td></tr> <tr><td>-70</td><td>(17,60) 0.693</td><td>(15,44) 0.608</td></tr> <tr><td>-71</td><td>(21,08) 0.830</td><td>(18,92) 0.745</td></tr> <tr><td>-72</td><td>(21,62) 0.851</td><td>(19,46) 0.766</td></tr> </tbody> </table>	LEAD STYLE	B (OAL)	MAX BODY HEIGHT	-75	(9,58) 0.377	(7,42) 0.292	-62	(10,08) 0.397	(7,92) 0.312	-65	(10,49) 0.413	(8,33) 0.328	-73	(12,09) 0.476	(9,93) 0.391	-63	(14,10) 0.555	(11,94) 0.470	-66	(15,09) 0.594	(12,93) 0.509	-69	(15,60) 0.614	(13,44) 0.529	-74	(17,09) 0.673	(14,94) 0.588	-70	(17,60) 0.693	(15,44) 0.608	-71	(21,08) 0.830	(18,92) 0.745	-72	(21,62) 0.851	(19,46) 0.766			<p>Leave blank for Through-hole</p> <p><b>-RA</b> = Right Angle (STMM &amp; LTMM only)</p> <p><b>-SM</b> = Surface Mount (STMM &amp; LTMM only)</p> <p><b>-“XXX”</b> = ZSTMM &amp; ZLTMM Body Height</p>	<p><b>-“XX”</b> = Polarized Position</p> <p><b>-LC</b> = Locking Clip (-SM only)</p> <p><b>-K</b> = (6,50mm) .256" DIA Film Pick &amp; Place Pad (-SM only)</p> <p><b>-TR</b> = Tape &amp; Reel (-SM only)</p>
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						<p><b>-G</b> = 20µ" (0,51µm) Gold on post, Gold flash on tail</p> <p><b>-S</b> = 30µ" (0,76µm) Gold on post, Matte Tin on tail</p> <p><b>-T</b> = Matte Tin</p>																																					

## 05, 08, 10, 12, 13, 15, 17, 20, 22, 25

(Call Samtec for other sizes)

TYPE STRIP	X	Y
LTMM ZLTMM	(2,00) .0787 x No. of Positions + (0,61) .024	(2,00) .0787 x No. of Positions + (2,39) .094
STMM ZSTMM	(2,00) .0787 x No. of Positions + (4,39) .173	(2,00) .0787 x No. of Positions + (6,17) .243

Note: This Series is non-standard, non-returnable.

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

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