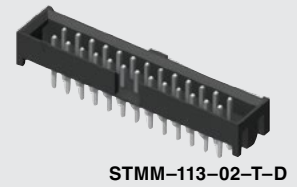
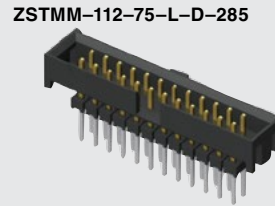
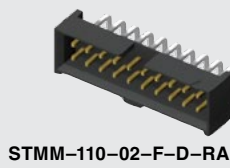


# FLEX STACK



(2.00 mm) .0787"

STMM, ZSTMM SERIES

# SHROUDED IDC HEADER & STACKER

Mates with:  
TCSD (except -SR)

## SPECIFICATIONS

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

**Insulator Material:**  
High Temperature Nylon  
**Terminal Material:**  
Phosphor Bronze

**Plating:**  
Sn or Au over  
50 μ" (1.27 μm) Ni

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

**RoHS Compliant:**  
Yes

## PROCESSING

**Lead-Free Solderable:**  
Yes  
**SMT Lead Coplanarity:**  
(0.10 mm) .004" max

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



<b>STMM</b>	<b>1</b>	<b>NO. PINS PER ROW</b>	<b>02</b>	<b>PLATING OPTION</b>	<b>D</b>	<b>TAIL OPTION</b>	<b>OTHER OPTION</b>
<p><b>04, 05, 06, 07, 08, 10, 12, 13, 14, 15, 17, 20, 22, 25</b> (Standard sizes)</p>			<p><b>-F</b> = Gold flash on post, Matte Tin on tail</p> <p><b>-L</b> = 10 μ" (0.25 μm) Gold on post, Matte Tin on tail</p> <p><b>-T</b> = Matte Tin</p>		<p>Leave blank for Through-hole</p> <p><b>-RA</b> = Right-angle</p> <p><b>-SM</b> = Surface Mount</p>		<p><b>-“XX”</b> = Polarized Position</p> <p><b>-LC</b> = Locking Clip (-SM only) (Manual placement required)</p> <p><b>-K</b> = (7.50 mm) .295" DIA Film Pick &amp; Place Pad (-SM only)</p> <p><b>-TR</b> = Tape &amp; Reel (-SM only)</p>
<p><b>T/H</b> <b>-SM</b> <b>-RA</b></p>			<p><b>-SM</b> <b>-RA</b></p>		<p><b>-RA</b></p>		

## ALSO AVAILABLE (MOQ Required)

- Other sizes
- Other platings
- Contact Samtec.

## OTHER SOLUTIONS

- Shrouded board-to-board headers and stackers to mate with SQT, SQW, ESQ and SMM Series. See LTMM and ZLTMM Series.

**Note:** For added mechanical stability, Samtec recommends mechanical board spacers be used in applications with gold or selective gold plated connectors. Contact [ipg@samtec.com](mailto:ipg@samtec.com) for more information.

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

<b>ZSTMM</b>	<b>1</b>	<b>NO. PINS PER ROW</b>	<b>LEAD STYLE</b>	<b>PLATING OPTION</b>	<b>D</b>	<b>BODY HEIGHT</b>	<b>OTHER OPTION</b>																																				
<p><b>04, 05, 06, 07, 08, 10, 12, 13, 14, 15, 17, 20, 22, 25</b> (Standard sizes)</p>			<p>Specify LEAD STYLE from chart.</p> <p><b>-F</b> = Gold flash on post, Matte Tin on tail</p> <p><b>-L</b> = 10 μ" (0.25 μm) Gold on post, Matte Tin on tail</p> <p><b>-T</b> = Matte Tin</p>		<p><b>-“XXX”</b> = Body Height</p> <p><b>-“XX”</b> = Polarized Position</p>																																						
<p><b>BODY HEIGHT</b> (6.35) .250 MIN</p>			<p><b>B (OAL)</b></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	
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Due to technical progress, all designs, specifications and components are subject to change without notice.

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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.