



(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  
50µ" (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> = 10µ" (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>

## 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> = 10µ" (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>	

  

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