



(2,00 mm) .0787"

STMM, ZSTMM SERIES

STMM-110-02-F-D-RA

ZSTMM-112-75-L-D-285

STMM-113-02-T-D

# SHROUDED IDC HEADER & STACKER

Mates with:  
TCSO

## 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)



## ALSO AVAILABLE (MOQ Required)

- Other sizes
  - Other platings
- Contact Samtec.

## OTHER SOLUTIONS

Shrouded board-to-board headers and stackers to mate with SQT, SQW, ESQW 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:** Other Gold plating options available. Contact Samtec.

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

STMM	1	NO. PINS PER ROW	02	PLATING OPTION	D	TAIL OPTION	OTHER OPTION
04, 05, 06, 07, 08, 10, 12, 13, 14, 15, 17, 20, 22, 25 (Standard sizes)			-F = Gold flash on post, Matte Tin on tail  -L = 10µ" (0,25 µm) Gold on post, Matte Tin on tail  -T = Matte Tin		Leave blank for Through-hole  -RA = Right Angle  -SM = Surface Mount		-"XX" = Polarized Position  -LC = Locking Clip (-SM only) (Manual placement required)  -K = (7,50 mm) .295" DIA Film Pick & Place Pad (-SM only)  -TR = Tape & Reel (-SM only)

ZSTMM	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	D	BODY HEIGHT	OTHER OPTION
04, 05, 06, 07, 08, 10, 12, 13, 14, 15, 17, 20, 22, 25 (Standard sizes)			Specify LEAD STYLE from chart.	-F = Gold flash on post, Matte Tin on tail  -L = 10µ" (0,25 µm) Gold on post, Matte Tin on tail  -T = Matte Tin		-"XXX" = Body Height	-"XX" = Polarized Position

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

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

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