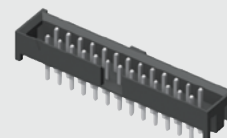
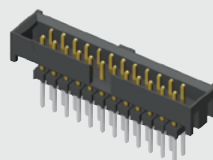


ZLTMM-112-75-L-D-285



LTMM-113-02-T-D

(2.00 mm) .0787"

LTMM, ZLTMM SERIES

# SHROUDED HEADER & STACKER

Mates with:  
SQT, SQW, ESQT, SMM

## SPECIFICATIONS

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

**Insulator Material:**  
Black Liquid Crystal Polymer  
**Terminal Material:**  
Phosphor Bronze

### Plating:

Sn or Au over  
50  $\mu$ " (1.27  $\mu$ m) 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)



## OTHER SOLUTIONS

- Shrouded IDC headers and stackers to mate with TCSD Series. See STMM and ZSTMM Series.

## ALSO AVAILABLE (MOQ Required)

- Other sizes
- Other platings

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

**LTMM** - **1** NO. PINS PER ROW - **02** - **PLATING OPTION** - **D** - **TAIL OPTION** - **OTHER OPTION**

**04, 05, 06, 07, 08, 10, 12, 13, 15, 17, 20, 22, 25**  
(Standard sizes)

**-F**  
= Gold flash on post, Matte Tin on tail

**-L**  
= 10  $\mu$ " (0.25  $\mu$ m) 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)

**ZLTMM** - **1** NO. PINS PER ROW - **LEAD STYLE** - **PLATING OPTION** - **D** - **BODY HEIGHT** - **OTHER OPTION**

**04, 05, 06, 07, 08, 10, 12, 13, 15, 17, 20, 22, 25**  
(Standard sizes)

Specify LEAD STYLE from chart.

**-F**  
= Gold flash on post, Matte Tin on tail

**-L**  
= 10  $\mu$ " (0.25  $\mu$ m) 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   |

**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.

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

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

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.