



(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 or 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



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

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

| | | | | | | | |
|---|----------|-------------------------|---------------------------------------|---|----------|--|--|
| ZSTMM | 1 | NO. PINS PER ROW | LEAD STYLE | PLATING OPTION | D | BODY HEIGHT | OTHER OPTION |
| <p>04, 05, 06, 07, 08, 10, 12, 13, 14, 15, 17, 20, 22, 25 (Standard sizes)</p> | | | <p>Specify LEAD STYLE from chart.</p> | <p>-F = Gold flash on post, Matte Tin on tail</p> <p>-L = 10µ" (0.25 µm) Gold on post, Matte Tin on tail</p> <p>-T = Matte Tin</p> | | <p>-“XXX” = Body Height</p> | <p>-“XX” = 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 |