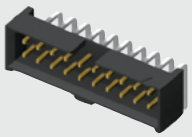
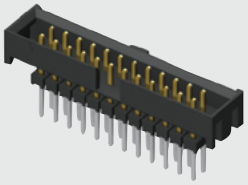
samtec

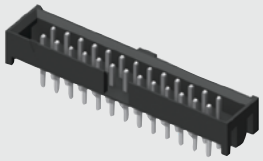
FLEX STACK



STMM–110–02–F–D–RA

ZSTMM–112–75–L–D–285





STMM–113–02–T–D

(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:
Black Liquid Crystal Polymer
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

FILE NO. E111594

ALSO AVAILABLE
(MOQ Required)

- Other sizes
- Other platings

OTHER SOLUTIONS

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

Notes:
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.

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
= 10 µ" (0.25 µm) Gold on post, Matte Tin on tail

–T
= Matte Tin

Leave blank for Through-hole

–RA
= Right-angle

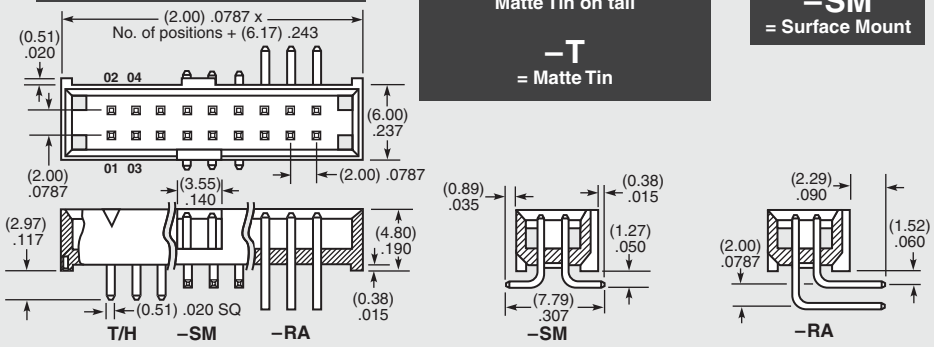
–SM
= Surface Mount

–"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.

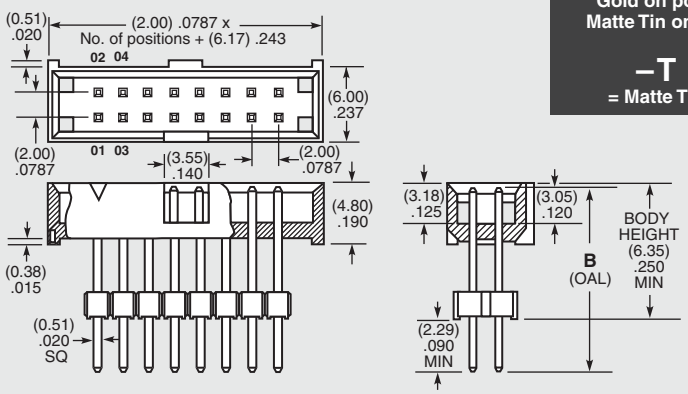
–F
= Gold flash on post, Matte Tin on tail

–L
= 10 µ" (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.

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.