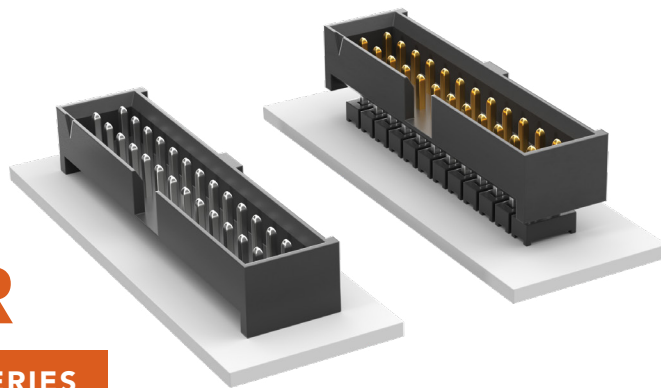# FLEX STACK

SHROUDED HEADER & STACKER

(2.00 mm) .0787" PITCH • LTMM/ZLTMM SERIES

LTMM/ZLTMM
Mates:
SQT, SQW, ESQT, SMM

SPECIFICATIONS

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

PROCESSING

Lead–Free Solderable:
Yes
SMT Lead Coplanarity:
(0.10 mm) .004" max

ALSO AVAILABLE
Contact Samtec

Other sizes
Other plating

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

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

NO. PINS PER ROW:
04, 05, 06, 07, 08, 10, 12, 13, 15, 17, 20, 22, 25
(Standard sizes)

PLATING OPTION:
–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

TAIL OPTION:
Leave blank for Through-hole

–RA = Right-angle

–SM = Surface Mount

OTHER OPTION:
–"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)

–FR = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks) (–SM only)

(2.00) .0787 x No. of positions + (2.39) .094

(6.00) .237

(4.80) .190

–TH –SM –RA

–TH

(1.27) .050 (7.79) .307 **–SM**

–RA

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

NO. PINS PER ROW:
04, 05, 06, 07, 08, 10, 12, 13, 15, 17, 20, 22, 25
(Standard sizes)

LEAD STYLE:
Specify LEAD STYLE from chart

PLATING OPTION:
–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

BODY HEIGHT:
–"XXX" = Body Height

OTHER OPTION:
–"XX" = Polarized Position

(2.00) .0787 x No. of positions + (2.39) .094

(6.00) .237

(4.80) .190

B (OAL)

BODY HEIGHT (6.35) .250 MIN

(2.29) .090 MIN

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 for more information.