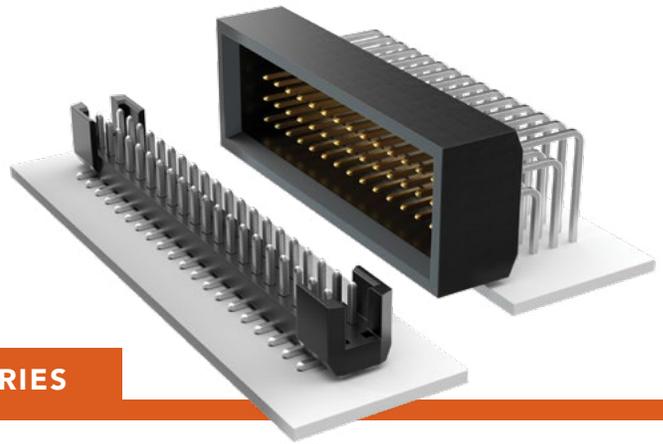# SHROUDED HEADERS

(2.00 mm) .0787" PITCH • TSH/TMMS SERIES

TSH
Mates:
CLT, SQT, SQW, ESQT, TLE, SMM, MMS, PTF

TMMS
Mates:
SQT, SQW, ESQT

SPECIFICATIONS

Insulator Material:
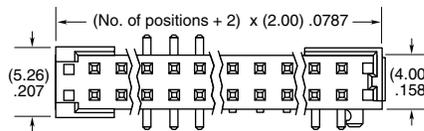Black Liquid Crystal Polymer
Terminal Material:
Phosphor Bronze
Plating:
Sn or Au over
50 µ" (1.27 µm) Ni
Operating Temp Range:
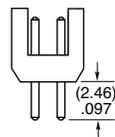-55 °C to +105 °C with Tin;
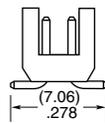-55 °C to +125 °C with Gold

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PROCESSING

Lead–Free Solderable:
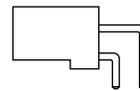Yes
SMT Lead Coplanarity (TSH):
(0.15 mm) .006" max*
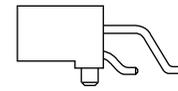*(.004" stencil solution
may be available; contact
IPG@samtec.com)

TSH	–	1	NO. PINS PER ROW	–	01	–	PLATING OPTION	–	ROW OPTION	–	OTHER OPTION

05, 10, 15, 20, 25, 30, 35, 40, 45
(40 & 45 = –D & -RA only)
(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

ROW OPTION

–D
= Vertical Through-hole

–DV
= Vertical Surface Mount

–RA
= Right-angle Through-hole

–DH
= Horizontal Surface Mount

OTHER OPTION

–LC
= Locking Clip (–DV only) (Not available with -A) (Manual placement required)

–A
= Alignment Pin (–DV only) (Not available with -LC)

–SL
= Solder Locks (–DH only)

–K
= (4.50 mm) .177" DIA Polyimide Film Pick & Place Pad (–DH only) (Not available with 15 - 30 positions)

–TR
= Tape & Reel

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

(No. of positions + 2) x (2.00) .0787
(5.26) .207
(4.00) .158

(2.46) .097

–D

(7.06) .278

–DV

–RA

–DH

TMMS	–	1	NO. PINS PER ROW	–	01	–	PLATING OPTION	–	Q	–	OPTION	–	FS

05, 10, 15, 20, 30, 40, 50

PLATING OPTION

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

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

OPTION

–RA
= Right-angle

ALSO AVAILABLE
MOQ Required

Other sizes
Other plating

(No. of positions x (2.00) .0787) + (4.37) .172
No. of positions x (2.00) .0787 +(0.81) .032
(12.07) .475
(8.51) .335

(7.59) .299
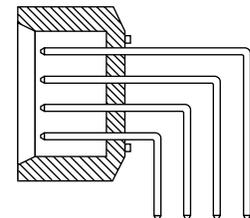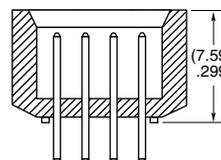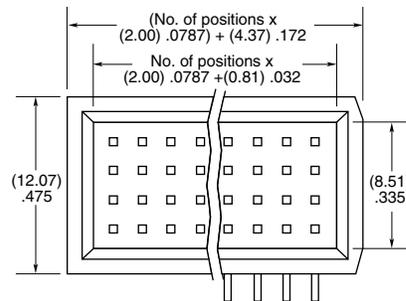
–RA

Note:
Some lengths, styles and options are non-standard, non-returnable.