



(2.00 mm) .0787"

TSH, TMMS SERIES

SHROUDED HEADERS

Mates with:

CLT, SQT, SQW, ESQT, TLE, SMM, MMS, PTF

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?TSH

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

Plating:

Sn or Au over
 50 μm (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: (0.15 mm) .006" max*
 *(.004" stencil solution may be available; contact IPG@samtec.com)

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



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)			-F = Gold flash on post, Matte Tin on tail -L = 10 μm (0.25 μm) Gold on post, Matte Tin on tail -T = Matte Tin		-D = Vertical Through-hole -DV = Vertical Surface Mount -RA = Right-angle Through-hole -DH = Horizontal Surface Mount	-LC = Locking Clip (-DV only) (N/A with -A) (Manual placement required) -A = Alignment Pin (-DV only) (N/A with -LC) -SL = Solder Locks (-DH only) -K = (4.50 mm) .177" DIA Polyimide Film Pick & Place Pad (N/A with 15 - 30 positions) (-DH only) -TR = Tape & Reel
<p>Note: Some lengths, styles and options are non-standard, non-returnable.</p>						

ALSO AVAILABLE
(MOQ Required)

• Other sizes and platings

Mates with: SQT, SQW, ESQT

SPECIFICATIONS

For complete specifications see www.samtec.com?TMMS

Insulator Material: Black LCP
Terminal Material: Phosphor Bronze

Plating:

Sn or Au over
 50 μm (1.27 μm) Ni
Operating Temp Range:
 -55 °C to +105 °C with Tin;
 -55 °C to +125 °C with Gold
RoHS Compliant: Yes

Lead-Free Solderable: Yes

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



TMMS	1	NO. PINS PER ROW	01	PLATING OPTION	Q	OPTION	FS
05, 10, 15, 20, 30, 40, 50			-F = Gold flash on post, Matte Tin on tail -L = 10 μm (0.25 μm) Gold on post, Matte Tin on tail		-RA = Right-angle		
<p>Note: Some lengths, styles and options are non-standard, non-returnable.</p>							

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

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.

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