



(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 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: (0.15 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 μ" (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

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

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 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

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 μ" (0.25 μm) Gold on post, Matte Tin on tail	-RA = Right-angle		

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

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

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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.