



(2,00mm) .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 50µ" (1,27µm) Ni
Current Rating: 3A @ 80°C ambient
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: (0,15mm) .006" max

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

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 & -D-RA only) (Call Samtec for other sizes)			-F = Gold flash on post, Matte Tin on tail -L = 10µ" (0,25µm) 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 = (4,50mm) .177" DIA Polyimide Film Pick & Place Pad (Not available on 15 - 30 positions) (-DH only) -M = Metal Pick & Place Pad (-DV only) (N/A -T plating) -TR = Tape & Reel

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 50µ" (1,27µm) 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



CURRENT RATING	
AMBIENT TEMPERATURE	TMMS Mated with SQT
20°C	5.5A
40°C	5A
60°C	4A
80°C	3A

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

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 = 10µ" (0,25µm) Gold on post, Matte Tin on tail -G = 20µ" (0,51µm) Gold on post, Gold flash on tail		-RA = Right Angle		

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

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