

(2,00 mm) .0787"

TSH, TMMS SERIES

TSH-125-01-F-DV

TSH-115-01-T-D



TMMS-110-01-L-Q-FS

TSH-110-01-L-DH-SL

TMMS-105-01-F-Q-RA-FS

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" (1,27 µm) Ni

Current Rating:

3A per contact @ 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:

(0,15 mm) .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 & -RA only) (Call Samtec for other sizes)			-F = Gold flash on post, Matte Tin on tail -L = 10µ" (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) -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" (1,27 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

CURRENT RATING (PER CONTACT)	
AMBIENT TEMP	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" (0,25 µm) Gold on post, Matte Tin on tail		-RA = Right Angle		

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

WWW.SAMTEC.COM