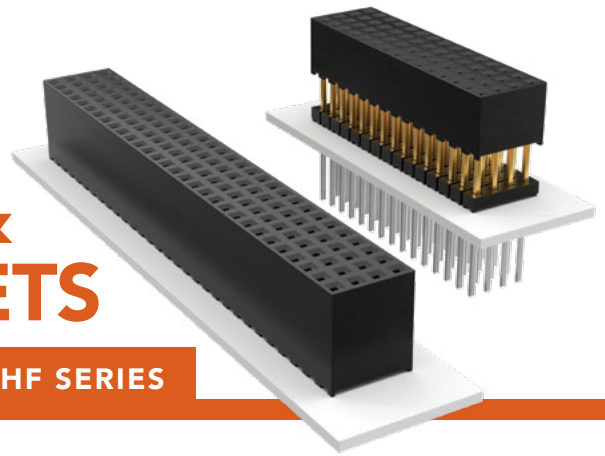


# FLEXIBLE ELEVATED & SELF-NESTING SOCKETS

(2.00 mm) .0787" PITCH • ESQT/ESQT (-368)/PTHF SERIES



## ESQT

### Board Mates:

TMMH, TMM, MTMM,  
MMT, TW, LTMM, ZLTMM,  
ESQT, PTT, TSH, TMMS

### Cable Mates:

TCMD

## SPECIFICATIONS

### Insulator Material:

Black Liquid Crystal Polymer

### Contact Material:

Phosphor Bronze

### Plating:

Sn or Au over

50  $\mu$ " (1.27  $\mu$ m) Ni

### Current Rating (ESQT/TMMH):

4.5 A per pin

(2 pins powered)

### Operating Temp Range:

-55 °C to +125 °C

### Insertion Depth:

(2.62 mm) .103" to

(5.03 mm) .198" with

(0.38 mm) .015" wipe

### Max Cycles:

100 with 10  $\mu$ " (0.25  $\mu$ m) Au

### Lead-Free Solderable:

Yes, for -S, -D & -Q

(Wave only for -T, -5 & -6)

ESQT	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	BODY HEIGHT	OTHER OPTION
		02 thru 50	Specify LEAD STYLE from chart	-F = Gold flash on contact, Matte Tin on tail  -L = 10 $\mu$ " (0.25 $\mu$ m) Gold on contact, Matte Tin on tail  -M = 20 $\mu$ " (0.51 $\mu$ m) Gold on contact, Matte Tin on tail  -GF = 15 $\mu$ " (0.38 $\mu$ m) Gold on contact, Gold flash on tail (Recommended for self-nesting) (-02 lead style only)	-S = Single Row  -D = Double Row  -T = Triple Row  -Q = Quad Row  -5 = Five Row  -6 = Six Row	- "XXX" = Body Height (inches) (7.87 mm) .310" minimum for -S, -D, -Q (9.53 mm) .375" minimum for -T, -5, -6	- "XXX" = Polarized Position (Indicate position number)

No. of positions x (2.00) .0787 + (0.30) .012

No. of rows x (2.00) .0787

(6.35) .250

LEAD STYLE	A	MAX TAIL	MAX BODY HEIGHT
-02	(21.59) .850	(13.72) .540	(20.32) .800
-03	(11.63) .458	(3.76) .148	(10.36) .408

A

BODY HEIGHT

TAIL (1.27) .050 MIN

## ESQT (-368)/PTHF

### Mates:

ESQT, PTHF

## SPECIFICATIONS

### Insulator Material:

Black Liquid Crystal Polymer (ESQT-368)

Black High Temp Nylon (PTHF)

### Contact Material:

Phosphor Bronze

### Plating:

Au or Sn over

50  $\mu$ " (1.27  $\mu$ m) Ni

### Operating Temp Range:

-55 °C to +125 °C

### Normal Force:

60 grams (0.59 N) average

### Max Cycles:

100 with 10  $\mu$ " (0.25  $\mu$ m) Au

### Lead-Free Solderable:

Yes (ESQT-368)

SERIES	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	Q	368
ESQT		30	Specify LEAD STYLE from chart	-GF = 15 $\mu$ " (0.38 $\mu$ m) Gold on contact, Gold flash on tail (-02 Lead Style only)  -M = 20 $\mu$ " (0.51 $\mu$ m) Gold on contact, Matte Tin on tail (-03 Lead Style only)		
PTHF						

EMBEDDED-PC  
PC/104  
MODULES

(6.35) .250

(60.30) 2.374

(8.00) .315

(9.35) .368

A

B

A

B

ESQT (-368) SERIES

PTHF SERIES

## TOOLING

Press-Fit  
CAT-PT-130-A-4

For more information, visit  
[www.samtec.com/tooling](http://www.samtec.com/tooling)

### Note:

This Series is non-standard, non-returnable.

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Samtec:](#)

[ESQT-114-03-M-D-390](#)