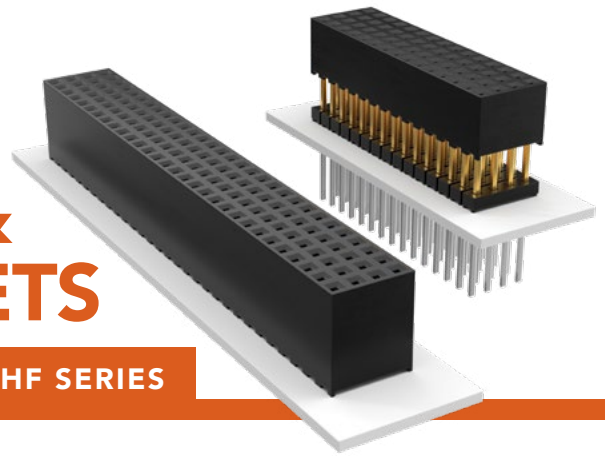




# FLEXIBLE ELEVATED & SELF-NESTING SOCKETS

(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 μ" (1.27 μm) 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 μ" (0.25 μm) 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	<b>-F</b> = Gold flash on contact, Matte Tin on tail  <b>-L</b> = 10 μ" (0.25 μm) Gold on contact, Matte Tin on tail  <b>-M</b> = 20 μ" (0.51 μm) Gold on contact, Matte Tin on tail  <b>-GF</b> = 15 μ" (0.38 μm) Gold on contact, Gold flash on tail (Recommended for self-nesting) (-02 lead style only)	<b>-S</b> = Single Row  <b>-D</b> = Double Row  <b>-T</b> = Triple Row  <b>-Q</b> = Quad Row  <b>-5</b> = Five Row  <b>-6</b> = Six Row	<b>"XXX"</b> = Body Height (in inches)  (7.87 mm) .310" minimum for -S, -D, -Q  (9.53 mm) .375" minimum for -T, -5, -6	<b>"XXX"</b> = Polarized Position (Indicate position number)

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

## 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 μ" (1.27 μm) Ni  
**Operating Temp Range:**  
-55 °C to +125 °C  
**Normal Force:**  
60 grams (0.59 N) average  
**Max Cycles:**  
100 with 10 μ" (0.25 μm) Au  
**Lead-Free Solderable:**  
Yes (ESQT-368)

SERIES	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	Q	368
		30	Specify LEAD STYLE from chart	<b>-GF</b> = 15 μ" (0.38 μm) Gold on contact, Gold flash on tail (-02 Lead Style only)  <b>-M</b> = 20 μ" (0.51 μm) Gold on contact, Matte Tin on tail (-03 Lead Style only)		

LEAD STYLE	ESQT		PTHF	
	A	B	A	B
-02	(21.59) .850	(12.24) .482	(21.59) .850	(12.24) .482
-03	(11.63) .458	(2.29) .090	(12.34) .486	(3.00) .118

**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-120-02-F-Q-755](#) [ESQT-120-02-F-S-413](#) [ESQT-120-02-G-D-532](#) [ESQT-120-02-GF-D-368](#) [ESQT-120-02-GF-D-625](#) [ESQT-120-02-GF-D-700](#) [ESQT-120-02-GF-D-725](#) [ESQT-120-02-H-Q-730-070](#) [ESQT-120-02-L-D-310-017](#) [ESQT-120-02-L-D-320-020](#) [ESQT-120-02-L-D-375](#) [ESQT-120-02-L-D-408](#) [ESQT-120-02-L-D-510](#) [ESQT-120-02-L-D-565](#) [ESQT-120-02-L-Q-445](#) [ESQT-120-02-L-Q-540](#) [ESQT-120-02-M-5-730](#) [ESQT-120-02-M-Q-416](#) [ESQT-120-02-S-5-650](#) [ESQT-120-02-S-6-660](#) [ESQT-120-02-S-6-765](#) [ESQT-120-02-S-Q-405](#) [ESQT-120-02-S-Q-589](#) [ESQT-120-03-L-D-312](#) [ESQT-120-03-L-D-325](#) [ESQT-120-03-L-D-334](#) [ESQT-120-03-L-D-356](#) [ESQT-120-03-L-D-405](#) [ESQT-120-03-L-Q-328](#) [ESQT-120-03-L-Q-340](#) [ESQT-121-02-F-D-500](#) [ESQT-121-02-F-D-540](#) [ESQT-121-02-L-D-490](#) [ESQT-121-02-L-D-725](#) [ESQT-121-03-F-D-310](#) [ESQT-121-03-L-D-335](#) [ESQT-121-03-L-D-343](#) [ESQT-121-03-L-Q-339](#) [ESQT-121-03-L-S-335](#) [ESQT-121-03-M-Q-400](#) [ESQT-122-02-F-D-408](#) [ESQT-122-02-F-D-433](#) [ESQT-122-02-F-D-670](#) [ESQT-122-02-F-Q-732](#) [ESQT-122-02-F-Q-745](#) [ESQT-122-02-GF-D-651](#) [ESQT-122-02-G-T-750](#) [ESQT-122-02-L-D-532](#) [ESQT-122-02-L-D-665](#) [ESQT-122-02-L-Q-750](#) [ESQT-122-02-M-D-677](#) [ESQT-122-02-M-D-723](#) [ESQT-122-03-M-S-340-021](#) [ESQT-123-03-F-D-338](#) [ESQT-123-03-F-S-400](#) [ESQT-123-03-G-D-313](#) [ESQT-124-03-L-D-330](#) [ESQT-125-02-F-D-640](#) [ESQT-125-02-F-D-695](#) [ESQT-125-02-F-T-731](#) [ESQT-125-02-G-D-677](#) [ESQT-125-02-G-D-735](#) [ESQT-125-02-GF-D-368](#) [ESQT-125-02-GF-D-575](#) [ESQT-125-02-L-D-685](#) [ESQT-125-02-L-D-775](#) [ESQT-125-02-L-Q-435](#) [ESQT-125-02-L-Q-600](#) [ESQT-125-02-M-Q-655](#) [ESQT-125-02-M-T-551](#) [ESQT-125-03-G-D-380](#) [ESQT-126-02-F-T-590](#) [ESQT-126-02-L-D-665](#) [ESQT-126-02-L-Q-620](#) [ESQT-126-02-L-Q-740](#) [ESQT-126-03-F-D-313](#) [ESQT-127-02-L-D-485](#) [ESQT-128-02-G-D-708](#) [ESQT-128-02-L-5-720](#) [ESQT-128-02-L-D-420](#) [ESQT-128-02-L-Q-420](#) [ESQT-128-02-S-D-450](#) [ESQT-128-03-F-D-380](#) [ESQT-128-03-F-D-387](#) [ESQT-128-03-F-Q-315](#) [ESQT-130-02-F-D-690](#) [ESQT-130-02-F-Q-765](#) [ESQT-130-02-G-D-540](#) [ESQT-130-02-GF-D-310](#) [ESQT-130-02-GF-D-410](#) [ESQT-130-02-GF-Q-575](#) [ESQT-130-02-GF-S-310](#) [ESQT-130-02-GF-S-410](#) [ESQT-130-02-GF-S-480](#) [ESQT-130-02-GF-S-510](#) [ESQT-130-02-G-Q-720](#) [ESQT-130-02-L-Q-445](#) [ESQT-130-02-L-Q-515](#) [ESQT-130-02-L-Q-690-047](#) [ESQT-130-02-L-Q-690-055](#)

## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

-  [View ESQT-130-02-F-Q-800 on WIN SOURCE](#)
-  [Samtec Inc. Information](#)

## Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management