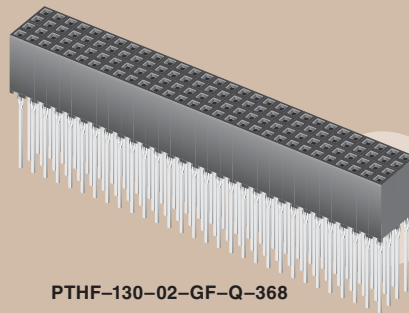
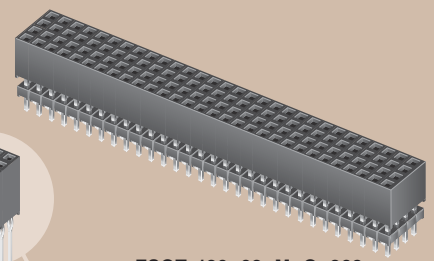


(2,00 mm) .0787"

ESQT (-368), PTHF SERIES



PTHF-130-02-GF-Q-368



ESQT-130-03-M-Q-368

# PC/104-PLUS™ SELF-NESTING SOCKETS

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?ESQT](http://www.samtec.com?ESQT) or [www.samtec.com?PTHF](http://www.samtec.com?PTHF)

**Insulator Material:**  
Black Liquid Crystal Polymer (ESQT)  
Black High Temp Nylon (PTHF)



**Contact Material:**  
Phosphor Bronze

**Plating:**

Au or Sn over 50µ" (1,27 µm) Ni

**Current Rating:**

2A per contact @ 80°C ambient

**Operating Temp Range:**

-55°C to +125°C

**Contact Resistance:**

10 mΩ

**Insertion Depth:**

(2,62 mm) .103" to (5,03 mm) .198"

**Insertion Force:**

(Single contact only) 4 oz (1,11 N) average

**Normal Force:**

60 grams (0,59 N) average

**Withdrawal Force:**

(Single contact only) 3 oz (0,83 N) average

**Max Cycles:**

100 with 10µ" (0,25 µm) Au

**RoHS Compliant:**

Yes

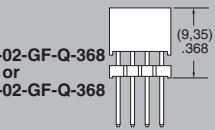
**Lead-Free Solderable:**

Yes

Mates with:  
ESQT, PTHF

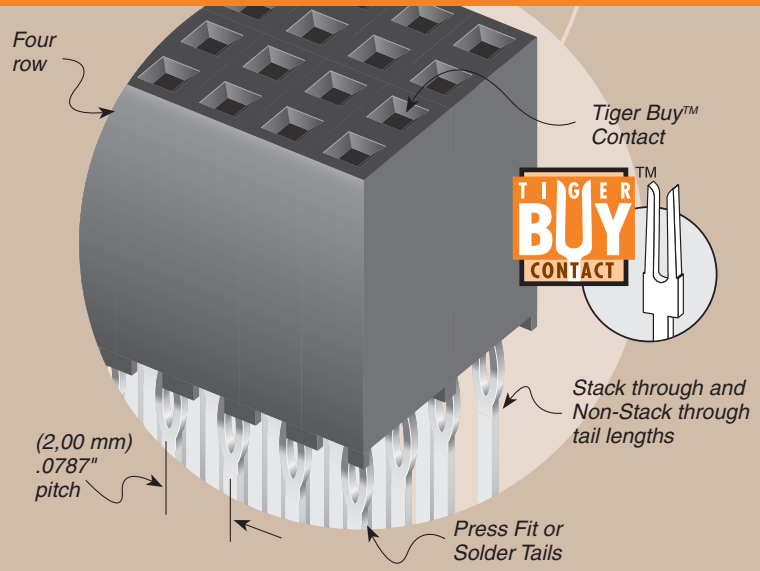
## APPLICATIONS

ESQT-130-02-GF-Q-368  
or  
PTHF-130-02-GF-Q-368



Board Locks  
Optional Tail Shroud  
ATS-30-Q

ESQT-130-03-M-Q-368  
or  
PTHF-130-03-M-Q-368



Four row

Tiger Buy™ Contact



Stack through and Non-Stack through tail lengths

(2,00 mm) .0787" pitch

Press Fit or Solder Tails

<b>TYPE STRIP</b>	<b>1</b>	<b>NO. PINS PER ROW</b>	<b>30</b>	<b>LEAD STYLE</b>	<b>PLATING OPTION</b>	<b>Q</b>	<b>368</b>
<b>ESQT</b> = Solder Tails				Specify LEAD STYLE from chart	<b>-GF</b> = 15µ" (0,38 µm) Gold on contact, Gold flash on tail (-02 Lead Style only)		
<b>PTHF</b> = Press Fit Tails					<b>-M</b> = 20µ" (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

Note: Other Gold plating options available. Contact Samtec.

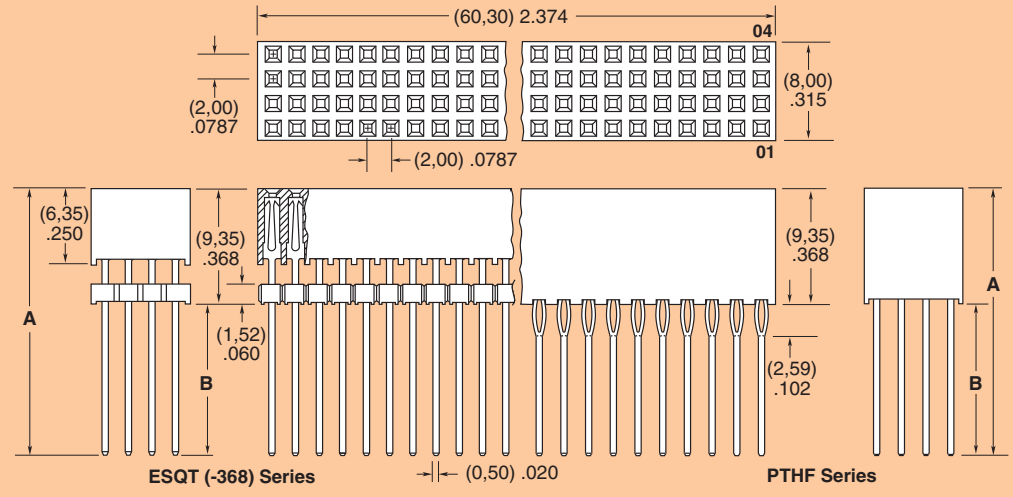
## ALSO AVAILABLE

Press fit tooling available. Contact Samtec.

## ALSO AVAILABLE

Paste In Hole (PIH) processing. Contact Samtec ASP Group. (Not recommended for stack through applications) ESQT only.

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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