

(2.00 mm) .0787"

PTHF-130-02-GF-Q-368

ESQT-130-03-M-Q-368

ESQT (-368), PTHF SERIES

# 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  
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

### RoHS Compliant:

Yes

### Lead-Free Solderable:

Yes (ESQT)

Mates with:  
ESQT, PTHF

## APPLICATIONS

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

Board Locks  
ATS-30-Q

Optional Tail Shroud  
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

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)

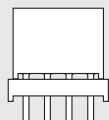


## TOOLING

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

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

## OTHER SOLUTIONS



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.

TYPE STRIP

1

NO. PINS PER ROW

30

LEAD STYLE

Specify  
LEAD  
STYLE  
from  
chart

PLATING OPTION

Q

368

ESQT  
= Solder  
Tails

PTHF  
= Press-fit  
Tails

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

-GF

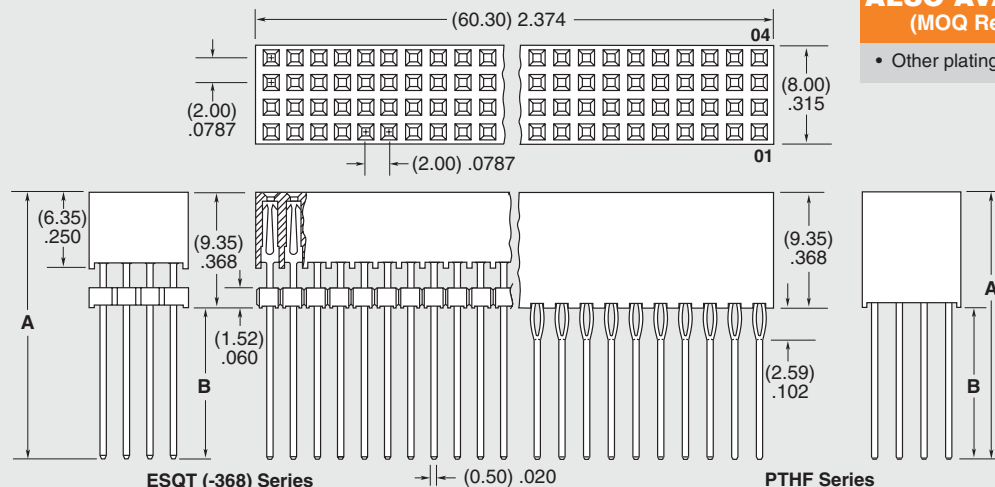
= 15  $\mu$ " (0.38  $\mu$ m) Gold on contact,  
Gold flash on tail (-02 Lead Style only)

-M

= 20  $\mu$ " (0.51  $\mu$ m) Gold on contact,  
Matte Tin on tail (-03 Lead Style only)

## ALSO AVAILABLE (MOQ Required)

- Other platings



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

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

All parts within this catalog are built to Samtec's specifications.  
Components must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.