

ESQT-130-03-M-Q-368

PTHF-130-02-GF-Q-368

(2,00 mm) .0787"

ESQT (-368), PTHF SERIES

PC/104-PLUS™ SELF-NESTING SOCKETS

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?ESQT or 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

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 (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

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

= 15μ" (0,38 μm) Gold on contact, Gold flash on tail
(-02 Lead Style only)

-M

= 20μ" (0,51 μm) Gold on contact, Matte Tin on tail
(-03 Lead Style only)

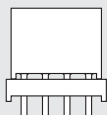
ALSO AVAILABLE
(MOQ Required)

• Other platings
Contact Samtec.

TOOLING

- Press fit tooling
Contact Samtec.

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.

