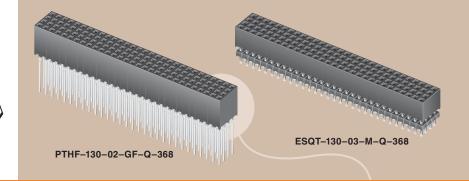


(2,00mm) .0787"

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" (1,27μm) Ni Current Rating: 2A @ 80°C ambient **Operating Temp Range:** -55°C to +125°C
Contact Resistance:

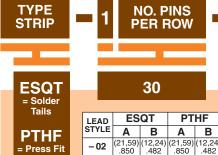
10 m $\Omega$  max Insertion Depth: (2,62mm) .103" to (5,03mm) .198" Insertion Force: (Single contact only) 4oz (1,11N) average Normal Force:

60 grams (0,59N) average Withdrawal Force: (Single contact only) 3oz (0,83N) average

Max Cycles: 100 with 10μ" (0,25μm) Au **RoHS Compliant:** 

Lead-Free Solderable: Yes

#### Four Mates with: row ESQT, PTHF Tiger Buy™ Contact **APPLICATIONS** ESQT-130-02-G-Q-368 CONTACT or PTHF-130-02-G-Q-368 Board 5 Stack through and Non-Stack through ATS-30-Q tail lengths (15,24) (2,00mm).0787' ESQT-130-03-M-Q-368 pitch Press Fit or or PTHF-130-03-M-Q-368 Solder Tails



-03

Tails

Specify LEAD **STYLE** from chart

**LEAD** 

STYLE

**PLATING OPTION** 

Q

368

-GF

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

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

#### (12,34) 486 .118 (11,63) (2,29) .458 .090 Note: Other Gold plating options available. Contact Samtec. (60.30) 2.374 04 (8,00).315 (2,00)**-** (2,00) .0787 (6,35).250 (9,35)(9,35).368 368 (1,52).060 (2.59)В 102 **PTHF Series** ESQT (-368) Series

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

# **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.