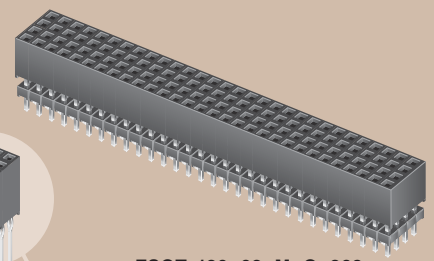


PTHF-130-02-GF-Q-368



ESQT-130-03-M-Q-368

PC/104+ SOCKETS ESQT (-368), PTHF SERIES

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 mΩ 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:

Yes

Processing:

Max Processing Temp:

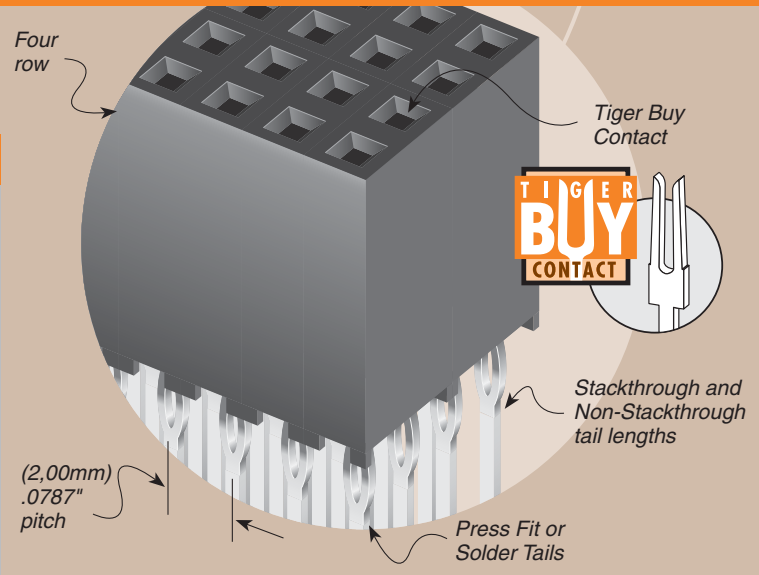
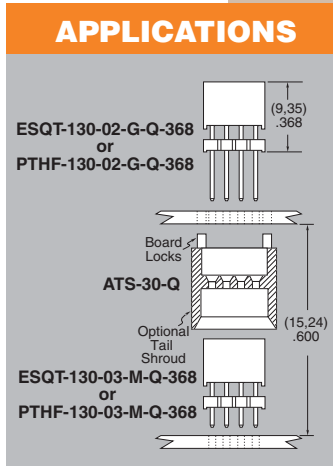
230°C for 60 seconds, or

260°C for 20 seconds 3x

Lead-Free Solderable:

Yes

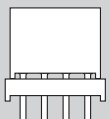
Mates with:
ESQT, PTHF



TYPE STRIP	1	NO. PINS PER ROW	30	LEAD STYLE	Specify LEAD STYLE from chart	PLATING OPTION	Q	368
ESQT = Solder Tails						-GF = 15µ" (0,38µm) Gold on contact, Gold flash on tail (-02 Lead Style only)		
PTHF = Press Fit Tails						-M = 20µ" (0,51µm) Gold on contact, Matte Tin on tail (-03 Lead Style only)		

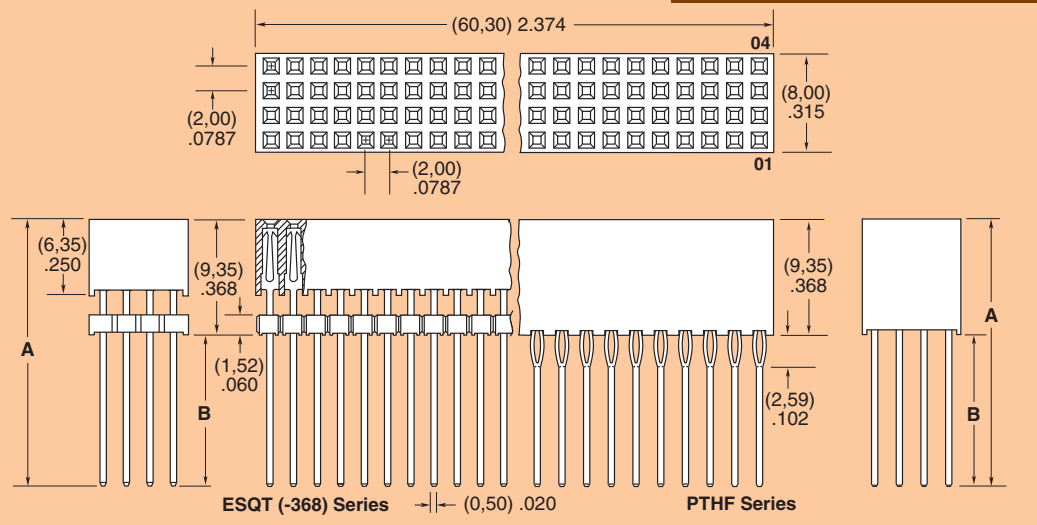
LEAD STYLE	ESQT		PTHF	
	A	B	A	B
-02	(21,59) .850	(12,24) .482	(21,59) .850	(12,24) .482
-03	(11,63) .458	(2,29) .090	(12,34) .486	(3,00) .118

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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