

FLEXIBLE ELEVATED & SELF-NESTING SOCKETS

(2.00 mm) .0787" PITCH • ESQT/ESQT (-368)/PTHF SERIES



ESQT

Board Mates:
TMMH, TMM, MTMM,
MMT, TW, LTMM, ZLTMM,
ESQT, PTT, TSH, TMMS

Cable Mates:
TCMD

ESQT	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	BODY HEIGHT	OTHER OPTION
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02 thru 50

Specify
LEAD
STYLE
from
chart

-F
= Gold flash on contact,
Matte Tin on tail

-L
= 10 μ" (0.25 μm)
Gold on contact,
Matte Tin on tail

-M
= 20 μ" (0.51 μm)
Gold on contact,
Matte Tin on tail

-GF
= 15 μ" (0.38 μm)
Gold on contact,
Gold flash on tail
(Recommended
for self-nesting)
(-02 lead style only)

-S
= Single Row

-D
= Double Row

-T
= Triple Row

-Q
= Quad Row

-5
= Five Row

-6
= Six Row

"XXX"
= Body Height
(in inches)

(7.87 mm) .310"
minimum for
-S, -D, -Q

(9.53 mm) .375"
minimum for
-T, -5, -6

"XXX"
= Polarized
Position
(Indicate
position
number)

SPECIFICATIONS

Insulator Material:

Black Liquid Crystal Polymer

Contact Material:

Phosphor Bronze

Plating:

Sn or Au over

50 μ" (1.27 μm) Ni

Current Rating (ESQT/TMMH):

4.5 A per pin

(2 pins powered)

Operating Temp Range:

-55 °C to +125 °C

Insertion Depth:

(2.62 mm) .103" to

(5.03 mm) .198" with

(0.38 mm) .015" wipe

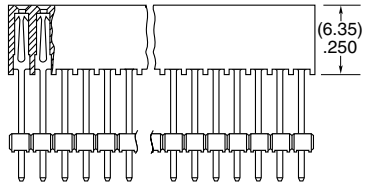
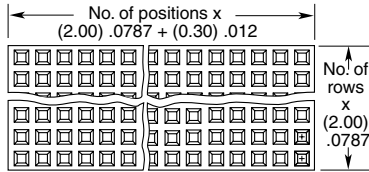
Max Cycles:

100 with 10 μ" (0.25 μm) Au

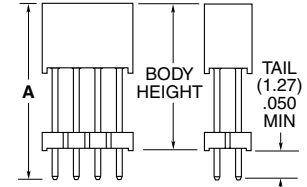
Lead-Free Solderable:

Yes, for -S, -D & -Q

(Wave only for -T, -5 & -6)



LEAD STYLE	A	MAX TAIL	MAX BODY HEIGHT
-02	(21.59) .850	(13.72) .540	(20.32) .800
-03	(11.63) .458	(3.76) .148	(10.36) .408



ESQT (-368)/PTHF

Mates:
ESQT, PTHF

SERIES	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	Q	368
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SPECIFICATIONS

ESQT
= Solder Tails

PTHF
= Press-fit Tails

30

Specify
LEAD
STYLE
from
chart

-GF
= 15 μ" (0.38 μm)
Gold on contact,
Gold flash on tail
(-02 Lead Style only)

-M
= 20 μ" (0.51 μm)
Gold on contact,
Matte Tin on tail
(-03 Lead Style only)

Insulator Material:

Black Liquid Crystal Polymer (ESQT-368)

Black High Temp Nylon (PTHF)

Contact Material:

Phosphor Bronze

Plating:

Au or Sn over

50 μ" (1.27 μm) Ni

Operating Temp Range:

-55 °C to +125 °C

Normal Force:

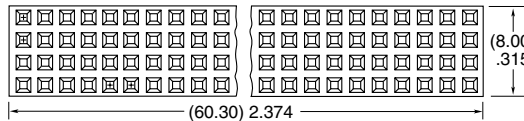
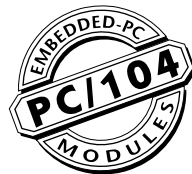
60 grams (0.59 N) average

Max Cycles:

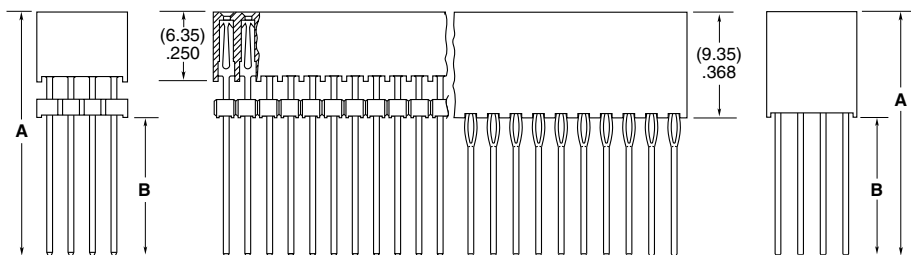
100 with 10 μ" (0.25 μm) Au

Lead-Free Solderable:

Yes (ESQT-368)



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



ESQT (-368) SERIES

PTHF SERIES

TOOLING

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

For more information, visit
www.samtec.com/tooling

Note:

This Series is non-standard,
non-returnable.

Mouser Electronics

Authorized Distributor

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[ESQT-113-02-M-Q-750](#)