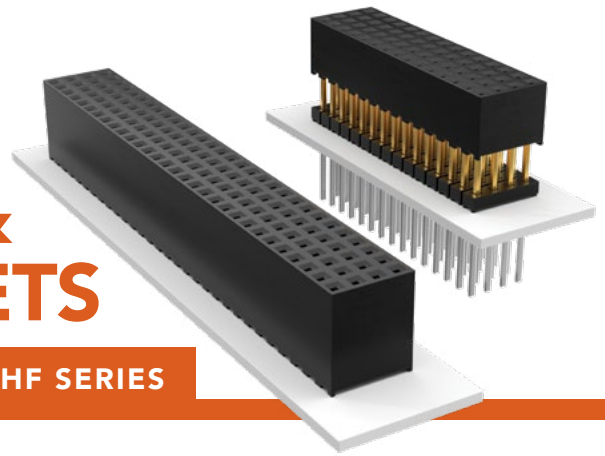


FLEXIBLE ELEVATED & SELF-NESTING SOCKETS

(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

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)

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

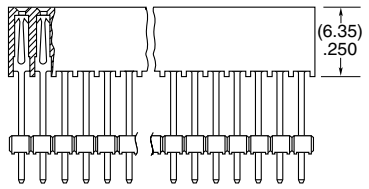
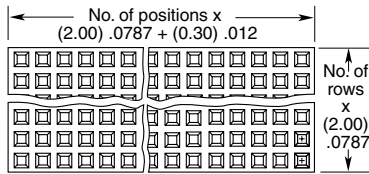
-6
= Six Row

"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)



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

SPECIFICATIONS

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
Max Cycles:
100 with 10 μ" (0.25 μm) Au
Lead-Free Solderable:
Yes (ESQT-368)

SERIES	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	Q	368
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ESQT
= Solder Tails

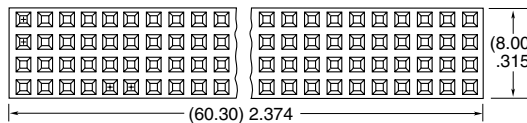
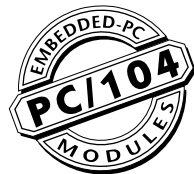
PTHF
= Press-fit Tails

30

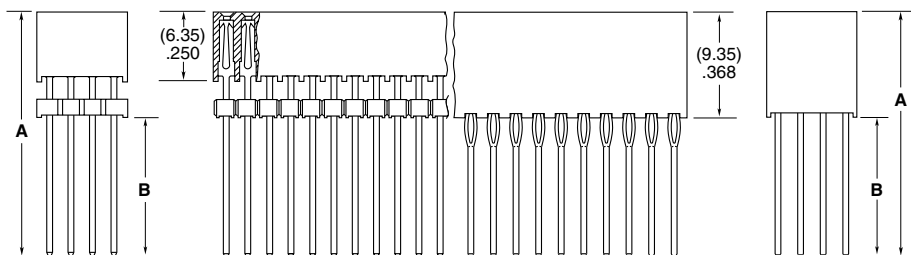
Specify
LEAD
STYLE
from
chart

-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)



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-130-A-4
For more information, visit
www.samtec.com/tooling

Note:
This Series is non-standard,
non-returnable.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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[ESQT-130-03-G-Q-368](#) [ESQT-130-02-G-Q-368](#) [ESQT-130-03-M-Q-368](#) [ESQT-130-02-GF-Q-368](#) [ESQT-104-02-F-D-500](#) [ESQT-120-02-L-D-750](#) [ESQT-110-02-GF-D-400](#) [ESQT-117-02-F-D-500](#) [ESQT-110-02-F-D-500](#) [ESQT-130-02-M-Q-368](#) [ESQT-125-02-F-D-500](#) [ESQT-105-02-G-D-525](#) [ESQT-120-02-F-D-500](#) [ESQT-110-03-L-D-310](#) [ESQT-105-02-F-D-500](#) [ESQT-105-02-F-D-750](#) [ESQT-110-02-G-D-760](#) [ESQT-105-02-G-D-390](#) [ESQT-110-02-L-D-750](#) [ESQT-108-03-F-D-310](#) [ESQT-112-03-L-D-374](#) [ESQT-112-03-G-D-310](#) [ESQT-120-03-L-D-310](#) [ESQT-107-02-F-D-730](#) [ESQT-102-02-L-S-755](#) [ESQT-104-02-G-S-531](#) [ESQT-105-02-F-S-510](#) [ESQT-105-02-F-D-510](#) [ESQT-104-02-G-S-673](#) [ESQT-104-03-G-S-380](#) [ESQT-105-02-F-D-435](#) [ESQT-103-02-F-S-570](#) [ESQT-105-02-F-D-790](#) [ESQT-105-03-F-D-346](#) [ESQT-105-03-F-D-370](#) [ESQT-104-02-L-D-785](#) [ESQT-108-02-F-S-510](#) [ESQT-104-02-L-D-750](#) [ESQT-103-02-L-D-670](#) [ESQT-103-03-L-D-360](#) [ESQT-105-02-F-D-550](#) [ESQT-102-02-F-D-675](#) [ESQT-104-03-M-S-400](#) [ESQT-102-02-F-D-435](#) [ESQT-105-03-F-D-358](#) [ESQT-102-03-G-D-371](#) [ESQT-109-02-F-S-510](#) [ESQT-104-02-G-S-730](#) [ESQT-104-02-F-D-744](#) [ESQT-103-02-F-S-510](#) [ESQT-107-02-F-D-511](#) [ESQT-105-02-F-D-600](#) [ESQT-112-02-F-S-570](#) [ESQT-105-03-L-D-324](#) [ESQT-106-02-F-S-750](#) [ESQT-108-03-L-S-310](#) [ESQT-104-03-F-S-394](#) [ESQT-105-02-F-D-730](#) [ESQT-106-02-F-S-510](#) [ESQT-104-02-L-S-730](#) [ESQT-103-03-F-T-375](#) [ESQT-102-02-F-S-510](#) [ESQT-105-02-F-D-675](#) [ESQT-103-02-F-D-675](#) [ESQT-107-03-F-D-368](#) [ESQT-110-02-F-S-750](#) [ESQT-106-03-F-D-360](#) [ESQT-103-02-L-D-450](#) [ESQT-106-03-F-D-368](#) [ESQT-104-02-G-S-620](#) [ESQT-104-02-M-S-435](#) [ESQT-108-03-F-S-368](#) [ESQT-110-02-F-S-630](#) [ESQT-108-02-L-D-562](#) [ESQT-120-03-G-D-327](#) [ESQT-110-02-M-Q-740](#) [ESQT-117-02-G-D-750](#) [ESQT-122-03-F-D-310](#) [ESQT-133-02-L-Q-725](#) [ESQT-122-03-F-D-350](#) [ESQT-113-02-L-D-680](#) [ESQT-130-03-G-Q-310](#) [ESQT-110-02-G-D-545](#) [ESQT-125-02-G-D-750](#) [ESQT-106-02-G-S-521](#) [ESQT-106-02-G-D-521](#) [ESQT-106-02-G-T-520](#) [ESQT-110-03-M-D-355](#) [ESQT-114-02-L-T-605](#) [ESQT-115-02-L-D-690](#) [ESQT-115-03-F-Q-355](#) [ESQT-116-02-F-D-520](#) [ESQT-116-02-G-D-400](#) [ESQT-116-02-G-D-720](#) [ESQT-116-03-F-S-338](#) [ESQT-116-03-G-D-310](#) [ESQT-117-02-L-D-520](#) [ESQT-118-02-F-Q-440](#) [ESQT-136-02-M-Q-710](#) [ESQT-136-03-F-S-365](#)