

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 |
|------|---|------------------|-------------------------------|---|---|---|---|
| | | 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
Normal Force:
60 grams (0.59 N) average
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 |
|--------|---|------------------|-------------------------------|--|---|-----|
| | | 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.

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[ESQT-111-02-L-D-433](#)