

(2,00 mm) .0787"

TLE SERIES

COST-EFFECTIVE RELIABLE SOCKET

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?TLE

Insulator Material:

Black Liquid Crystal Polymer

Contact Material:

Phosphor Bronze

Plating:

Au over 50 μ " (1,27 μ m) Ni

Current Rating (TLE/TMMH):

3.2 A per pin
(1 pin powered per row)

Operating Temp Range:

-55°C to +125°C

Insertion Depth:

(2,08 mm) .082" to

(4,37 mm) .172" with

(0,38 mm) .015" wipe,

pass-through, or

(3,35 mm) .132" min

for bottom entry

Insertion Force:

(Single contact only)

2.75 oz (0,76 N) avg.

Withdrawal Force:

(Single contact only)

0.80 oz (0,22 N) avg.

RoHS Compliant:

Yes

Processing:

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0,10 mm) .004" max (02-26)

(0,15 mm) .006" max (27-50)

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality

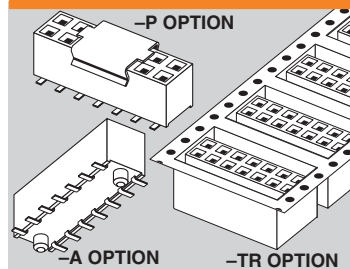


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Mates with:
TMMH, TMM,
MTMM, MMT,
TW, LTMM,
ZLTMM, TCMD,
TSH



OPTIONS



Tiger Beam™
contacts

Ideal for
pass-through
applications

Available
with optional
Pick & Place Pads

Surface
Mount

(2,00 mm) .0787"
micro pitch

TLE

1

NO. PINS
PER ROW

01

PLATING
OPTION

DV

OPTION

02 thru 50

-G

= 10 μ " (0,25 μ m)
Gold

-A

= Alignment Pin
(3 positions minimum)
Metal or plastic at Samtec's discretion.

-K

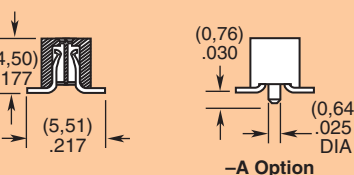
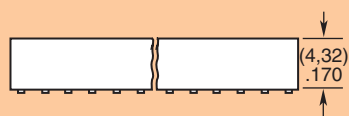
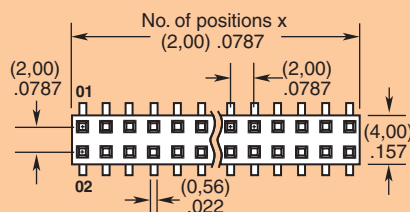
= (5,00 mm) .197" DIA
Polyimide Film Pick & Place Pad
(3 positions minimum)

-P

= Metal Pick & Place Pad
(4 positions minimum)

-TR

= Tape & Reel Packaging
(2-37 positions only)



TAPE & REEL AVAILABILITY

No tooling charges.
Minimum order is the lesser of
a full reel quantity or 125 pieces.
Order any quantity above minimum.
In-house design, manufacture.
Quick turn-around.

Call Samtec for specifications
and ordering information.

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.

WWW.SAMTEC.COM

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