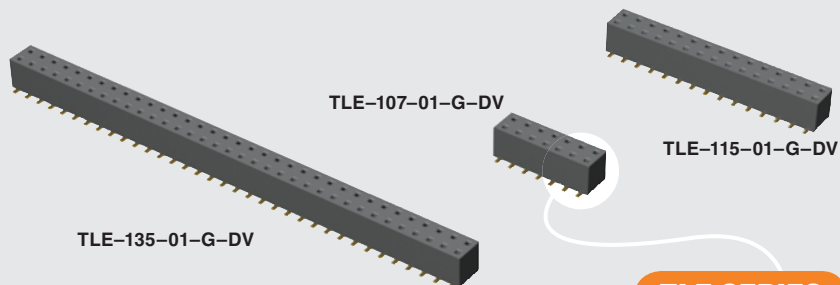


(2,00 mm) .0787"



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 50µ" (1,27 µm) 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

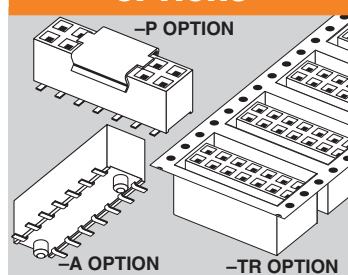
For complete scope of recognitions see www.samtec.com/quality



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

= 10µ" (0,25 µm)
Gold

-A

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

-K

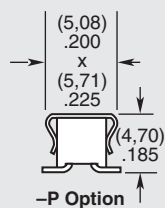
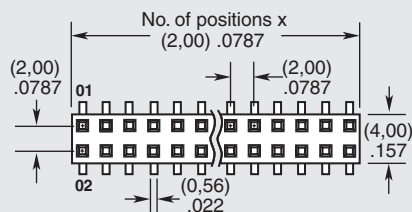
= (5,00 mm) .197" DIA
Polyimide Film Pick & Place Pad
(3 positions minimum)

-P

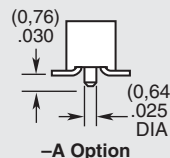
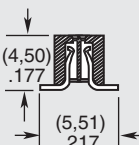
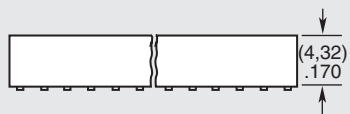
= Metal Pick & Place Pad
(4 positions minimum)

-TR

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



-P Option



-A Option

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.