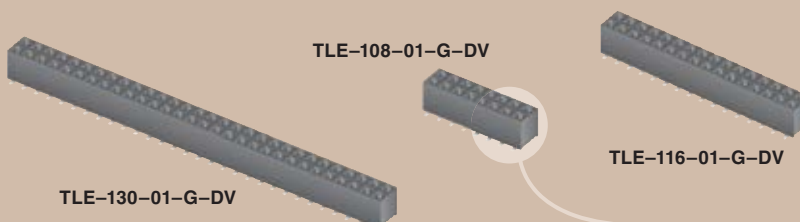


(2,00 mm) .0787"

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

Operating Temp Range:

-55°C to +125°C

Insertion Depth:

(2,08 mm) .082" to (4,37 mm) .172" with (0,38 mm) .015" wiper, 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

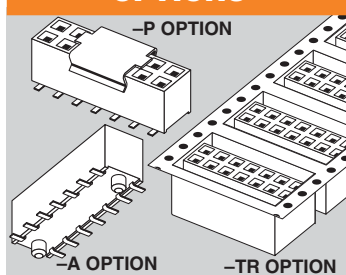
SMT Lead Coplanarity:

(0,10 mm) .004" max (02-26)
(0,15 mm) .006" max (27-50)

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

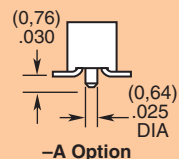
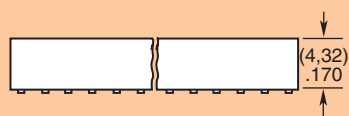
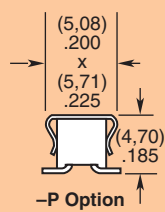
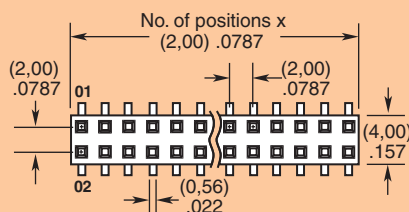
—G
= 10µ" (0,25 µm)
Gold

—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)



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.

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